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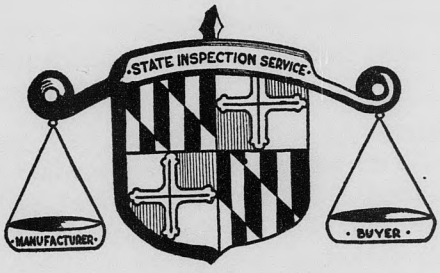
Commercial Fertilizers, Commercial Feeds

AND

Agricultural Liming Materials



STATE INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
College Park, Md.

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INTRODUCTION

The State Inspection Service of Maryland is charged with the enforcement of the fertilizer, feed and lime laws. These laws require that all fertilizers, feeds, and agricultural liming materials be registered with the Inspection Service before they are offered for sale in the State. These statutes further require that the guaranteed analyses must be shown on fertilizer and lime sacks, and in addition to this information, a list of ingredients from which the product is made must be included on the feed package. The duties of the Inspection Service may be briefly summarized as consisting of the registration of these products, the collection of samples, the laboratory examination of samples collected, the publication of results obtained, and the prosecution of violators of the laws.

This publication contains the results of our chemical examination of official samples of fertilizer, feed and lime collected by State Inspectors from manufacturers, dealers, selling agents, and in transit in Maryland from July 1, 1933 to January 1, 1934. In addition, this bulletin contains a list and description of all brands of fertilizers registered prior to January the 15th, and intended for 1934 delivery in the State of Maryland.

During the Fall season, official representatives of this Department collected 416 samples of fertilizer, which may be classified as follows: 263 complete fertilizers, 68 superphosphates, 47 superphosphates and potashes, and 38 samples of a miscellaneous nature, including sulphate of ammonia, nitrate of soda, bone meal, tankage, muriate of potash, and kainit.

There were 927 samples of feeding stuffs secured during the last six months of this year. In addition to the chemical analysis, a microscopical examination was made upon all samples of feed to substantiate the manufacturers' declaration of ingredients.

Thirty-eight samples of lime were drawn from dealers' stocks and warehouses throughout the State. Results of these examinations are included in this bulletin, and have also been reported to the respective manufacturers, dealers, and whenever possible, to the buyer.

In addition to the analysis of the official samples included in this report, 162 samples drawn by residents of the State, and forwarded to this Department, have been examined and reports transmitted to parties particularly interested. Since a representative sample is as essential as an accurate analysis in judging the quality of a product, this Organization can only vouch for the accuracy of the results obtained on the materials submitted.

FERTILIZER ANALYSES

A detailed report of the results obtained in the inspection and analysis of fertilizer from July 1, 1933 to January 1, 1934 is contained in pages 6 to 20, inclusive.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Acme Guano Co., Baltimore, Md.												
2-8-10	Ellicott City	2.00	1.99	1.60	1.36	.40	.63	.50	8.00	8.00	10.00	10.24
Ideal Fertilizer	Ellicott City	2.00	1.99	1.60	1.40	.40	.59	.40	8.00	8.00	5.00	6.48
Ideal Fertilizer	Thurmont	2.00	2.02	1.60	1.40	.40	.62	.30	8.00	8.40	5.00	5.16
0-10-10	Parkton	2.00	2.08	1.60	1.46	.40	.62	.40	8.00	8.60	5.00	5.30
	Vienna							.10	10.00	10.00	10.00	10.64
Agricultural Corporation of Maryland, Baltimore, Md.												
Md. Farm Bureau Superphosphate	Baltimore							5.00	16.00	16.30		
Md. Farm Bureau Superphosphate	Baltimore							3.60	16.00	17.10		
Md. Farm Bureau Fertilizer	Baltimore	2.00	2.05	2.00	1.62	0.00	.43	3.10	12.00	12.40	4.00	4.10
Md. Farm Bureau Fertilizer	Baltimore	2.00	2.02	2.00	1.45	0.00	.57	1.90	8.00	8.50	10.00	10.06
Md. Farm Bureau Fertilizer	Baltimore	2.00	2.13	2.00	1.76	0.00	.37	2.00	8.00	9.30	5.00	5.00
American Agricultural Chemical Co., New York, N. Y.												
A. A. Superphosphate 20%	Baltimore							1.40	20.00	20.40		
A. A. Superphosphate 20%	Baltimore							.60	20.00	20.20		
A. A. Superphosphate 16%	Baltimore							1.60	16.00	17.00		
A. A. Superphosphate 16%	Baltimore							1.40	16.00	16.90		
A. A. Superphosphate 16%	Baltimore							1.60	16.00	16.80		
A. A. Basic Lime Phosphate	Baltimore							1.40	16.00	16.80		
A. A. Basic Lime Phosphate	Baltimore							1.50	13.00	14.00		
A. A. Basic Lime Phosphate	Baltimore							1.90	13.00	13.00		
A. A. Basic Lime Phosphate	Baltimore							1.80	13.00	14.20		
A. A. Acme Fertilizer	Baltimore							1.80	13.00	14.20		
A. A. Acme Fertilizer	Baltimore	1.00	.94	.75	.45	.25	.49	.90	9.00	9.30	4.00	4.30
Agrico For Grain	Baltimore	1.00	1.02	.75	.67	.25	.35	.70	9.00	9.00	4.00	4.28
Agrico For Grain	Baltimore	2.00	1.99	1.50	1.40	.50	.59	1.10	12.00	12.10	4.00	4.40
Agrico For Grain	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.70	12.00	12.50	4.00	4.08
Agrico For Grain	Baltimore	2.00	2.02	1.50	1.46	.50	.56	.80	12.00	12.20	4.00	4.16
A. A. Farmers Friend Fertilizer	Baltimore	2.00	1.99	1.50	1.40	.50	.59	1.20	12.00	12.00	4.00	4.24
A. A. Farmers Friend Fertilizer	Baltimore	2.00	1.99	1.50	1.46	.50	.53	1.00	12.00	12.50	4.00	4.26
	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.30	12.00	12.30	4.00	4.10
A. A. Farmers Friend Fertilizer	Baltimore	2.00	1.99	1.50	1.22	.50	.78	.90	12.00	12.50	4.00	4.32
A. A. Fine Ground Bone	Baltimore	2.47	2.75						*23.00	*23.90		
A. A. Kangaroo Komplete Kompound	Baltimore	2.00	1.98	1.50	1.40	.50	.58	.50	9.00	9.80	3.00	3.07

Agrico For Grain	Baltimore	2.00	1.99	1.50	1.40	.50	.59	1.20	12.00	12.00	4.00	4.24
A. A. Farmers Friend Fertilizer	Baltimore	2.00	1.99	1.50	1.46	.50	.53	1.00	12.00	12.50	4.00	4.26
A. A. Farmers Friend Fertilizer	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.30	12.00	12.30	4.00	4.10
A. A. Farmers Friend Fertilizer	Baltimore	2.00	1.99	1.50	1.22	.50	.78	.90	12.00	12.50	4.00	4.32
A. A. Fine Ground Bone	Baltimore	2.47	2.75						*23.00	*23.90		
A. A. Kangaroo Komplete Kompound	Baltimore	2.00	1.98	1.50	1.40	.50	.58	.50	9.00	9.80	3.00	3.07
McComas Bros. High Grade	Baltimore	2.00	1.99	1.50	1.35	.50	.64	1.00	8.00	8.30	5.00	5.20
McComas Bros. High Grade	Bel Air	2.00	2.02	1.50	1.54	.50	.48	.60	8.00	8.30	5.00	5.10
A. A. Old Hickory Fertilizer	Baltimore	2.00	1.99	1.50	1.43	.50	.56	.50	8.00	8.50	10.00	10.40
A. A. Pulverized Sheep & Goat Manure	Baltimore	1.25	1.40						*1.00	*3.80	2.00	3.65
A. A. Pure Raw Bone	Baltimore	3.70	4.02						*20.00	*23.10		
A. A. Red Dog Fertilizer	Baltimore	2.00	1.97	1.50	1.40	.50	.57	.70	8.00	8.40	5.00	5.12
A. A. Red Dog Fertilizer	Ellicott City	2.00	2.01	1.50	1.40	.50	.61	.70	8.00	8.70	5.00	5.00
A. A. Red Dog Fertilizer	Baltimore	2.00	1.98	1.50	1.35	.50	.63	.60	8.00	8.60	5.00	5.40
A. A. Red Dog Fertilizer	Baltimore	2.00	1.98	1.50	1.35	.50	.63	.50	8.00	8.20	5.00	5.22
A. A. Red Dog Fertilizer	Rising Sun	2.00	1.99	1.50	1.48	.50	.51	.50	8.00	8.10	5.00	5.30
A. A. Victory Mixture	Baltimore							1.40	12.00	12.20	5.00	5.55
A. A. Victory Mixture	Baltimore							1.10	12.00	12.40	5.00	5.12
A. A. Victory Mixture	Baltimore							1.00	12.00	12.40	5.00	5.12
A. A. Victory Mixture	Baltimore							1.00	12.00	12.20	5.00	5.02
A. A. Victory Mixture	Baltimore							.90	12.00	12.70	5.00	5.24
Lister's Superphosphate 16%	Baltimore							1.60	16.00	17.10		
Lister's Superphosphate 16%	Baltimore							1.40	16.00	16.60		
Lister's Superphosphate 16%	Baltimore							1.50	16.00	16.30		
Lister's G. Brand Fertilizer	Baltimore	1.00	1.08	.75	.70	.25	.38	.80	9.00	9.00	4.00	4.36
Lister's Harvest Queen Fertilizer	Baltimore	2.00	1.99	1.50	1.39	.50	.60	.80	8.00	8.30	5.00	5.02
Lister's Harvest Queen Fertilizer	Baltimore	2.00	2.01	1.50	1.43	.50	.58	.70	8.00	8.40	5.00	5.20
Lister's Harvest Queen Fertilizer	Baltimore	2.00	1.98	1.50	1.45	.50	.53	.50	8.00	8.30	5.00	5.06
Patapsco Big Chief Fertilizer	Baltimore	2.00	2.01	1.50	1.46	.50	.55	.60	8.00	8.40	5.00	5.20
Patapsco Big Chief Fertilizer	Baltimore	2.00	2.01	1.50	1.38	.50	.63	.50	8.00	8.30	5.00	5.22
Armour Fertilizer Works, Baltimore, Md.												
Big Crop Superphosphate 20%	Baltimore							.90	20.00	20.30		
Big Crop Superphosphate 20%	Baltimore							.60	20.00	20.40		
Big Crop Superphosphate 16%	Baltimore							.70	16.00	16.60		
Big Crop Superphosphate 16%	Baltimore							.40	16.00	16.70		
Big Crop Superphosphate 16%	Baltimore							.40	16.00	16.40		
Lime Phosphate 13%	Baltimore							.50	13.00	13.30		
Big Crop 4-16-4 Fertilizer	Baltimore	4.00	3.99	4.00	3.73	0.00	.26	.80	16.00	16.10	4.00	4.16
Big Crop 4-16-4 Fertilizer	Baltimore	4.00	4.03	4.00	3.99	0.00	.04	.50	16.00	16.20	4.00	4.20
Big Crop 1-9-4 Fertilizer	Baltimore	1.00	1.05	.65	.62	.35	.43	.30	9.00	9.40	4.00	4.30
Big Crop 1-9-4 Fertilizer	Baltimore	1.00	1.02	.65	.72	.35	.30	.20	9.00	9.40	4.00	4.10
Big Crop 3-12-6 Fertilizer	Baltimore	3.00	2.98	2.25	2.05	.75	.93	.60	12.00	12.70	6.00	6.13
Big Crop 3-12-6 Fertilizer	Baltimore	3.00	3.00	2.25	2.22	.75	.78	.20	12.00	12.50	6.00	6.20
Big Crop 2-16-8 Fertilizer	Baltimore	2.00	1.99	2.00	1.73	0.00	.26	.60	16.00	16.10	8.00	8.08

*Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Big Crop 2-16-8 Fertilizer	Baltimore	2.00	**2.01**	2.00	**1.84**	0.00	.17	.50	16.00	**16.20**	8.00	**8.24**
Big Crop 2-12-6 Fertilizer	Baltimore	2.00	**1.99**	1.50	**1.50**	.50	.49	.60	12.00	**12.70**	6.00	**6.00**
Big Crop 2-12-4 Fertilizer	Baltimore	2.00	**2.06**	1.50	**1.57**	.50	.49	.40	12.00	**12.20**	4.00	**4.12**
Big Crop 2-12-4 Fertilizer	Baltimore	2.00	**2.01**	1.50	**1.57**	.50	.44	.20	12.00	**12.00**	4.00	**4.00**
Big Crop 2-8-10 Fertilizer	Baltimore	2.00	**2.01**	1.50	**1.36**	.50	.65	.30	8.00	**8.30**	10.00	**10.04**
Big Crop 2-8-10 Fertilizer	Rising Sun	2.00	**2.11**	1.50	**1.49**	.50	.62	.20	8.00	**8.50**	10.00	**9.60**
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	**1.98**	1.50	**1.43**	.50	.55	.30	8.00	**8.30**	5.00	**5.00**
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	**1.91**	1.50	**1.43**	.50	.48	.40	8.00	**8.30**	5.00	**5.00**
Big Crop 2-8-5 Fertilizer	Baltimore	2.00	**1.95**	1.50	**1.46**	.50	.49	.20	8.00	**8.10**	5.00	**4.80**
Big Crop 0-12-5 Fertilizer	Baltimore							.30	12.00	**12.40**	5.00	**5.16**
Big Crop 0-12-5 Fertilizer	Baltimore							.30	12.00	**12.40**	5.00	**5.12**
Big Crop 0-12-5 Fertilizer	Baltimore							.20	12.00	**12.80**	5.00	**5.04**
Big Crop 0-12-5 Fertilizer	Baltimore							.20	12.00	**12.10**	5.00	**5.00**
Big Crop 0-12-5 Fertilizer	Baltimore							.20	12.00	**12.00**	5.00	**5.04**
Associated Chemical Co., Baltimore, Md.												
Sheep & or Goat Manure	Baltimore	1.25	**1.29**						*1.00	***2.00**	2.00	**2.88**
Baltimore Fertilizer Co., Baltimore, Md.												
Honest 2-12-5	Bel Air	2.00	**2.19**	1.50	**1.68**	.50	.71	.10	12.00	**10.20**	5.00	**5.16**
Honest 2-8-10	Bel Air	2.00	**2.32**	1.50	**1.59**	.50	.73	.20	8.00	**7.30**	10.00	**10.80**
Honest 2-8-5	Baltimore	2.00	**2.06**	1.50	**1.57**	.50	.49	.60	8.00	**8.40**	5.00	**5.06**
Honest 2-8-5	Bel Air	2.00	**2.36**	1.50	**1.68**	.50	.68	.20	8.00	**8.30**	5.00	**5.30**
Honest 2-8-5	Glyndon	2.00	**2.01**	1.50	**1.57**	.50	.44	.20	8.00	**8.00**	5.00	**5.24**
Baugh & Sons Co., Baltimore, Md.												
Baughphos The Ideal 20% Superphosphate	Baltimore							.60	20.00	**20.50**		
Baughphos The Ideal 18% Superphosphate	Baltimore							.40	18.00	**18.70**		
Baughphos The Ideal 18% Superphosphate	Baltimore							.40	18.00	**18.60**		
Baughphos The Ideal 16% Superphosphate	Baltimore							1.00	16.00	**15.90**		
Baughphos The Ideal 16% Superphosphate	Baltimore							.70	16.00	**16.50**		
Baughphos The Ideal 16% Superphosphate	Brunswick							.60	16.00	**16.70**		
Baughphos The Ideal 16% Superphosphate	Maugansville							.60	16.00	**16.60**		

*Total Phosphoric Acid.

Baughphos The Ideal 16% Superphosphate	Brunswick							.60	16.00	16.70			

*Total Phosphoric Acid.

Baughpos The Ideal 16% Superphosphate	Maugansville							.60	16.00	16.60			
Lime & Phosphate	Baltimore							1.00	14.00	14.20			
Lime & Phosphate	Baltimore							1.00	14.00	15.50			
Commercial Crop Compound	Rising Sun	2.00	1.99	1.40	1.61	.60	.38	.60	8.00	8.30	10.00	10.40	
Commercial Crop Compound	Baltimore	2.00	1.98	1.40	1.33	.60	.65	.80	8.00	8.40	10.00	10.24	
Commercial Crop Compound	Baltimore	2.00	1.98	1.40	1.35	.60	.63	.80	8.00	8.10	10.00	10.08	
Commercial Crop Compound	Parkton	2.00	1.99	1.40	1.32	.60	.67	.50	8.00	8.50	10.00	10.20	
Complete Animal Base Fertilizer	Baltimore	2.00	1.98	1.40	1.36	.60	.62	.60	8.00	8,50	5.00	5,32	
Complete Animal Base Fertilizer	Maugansville	2.00	2.01	1.40	1.31	.60	.70	.70	8.00	8.30	5.00	5.20	
Complete Animal Base Fertilizer	Maugansville	2.00	1.99	1.40	1.35	.60	.64	.60	8.00	8.00	5.00	5.30	
Complete Animal Base Fertilizer	Providence	2.00	1.95	1.40	1.38	.60	.57	.90	8.00	8.00	5.00	5.18	
Complete Animal Base Fertilizer	Rising Sun	2.00	1.99	1.40	1.36	.60	.63	.80	8.00	8.30	5.00	5.22	
Complete Animal Base Fertilizer	Linwood	2.00	2.01	1.40	1.38	.60	.63	1.10	8.00	8.10	5.00	5.04	
Double Eagle Phosphate	Baltimore	2.00	2.11	1.40	1.43	.60	.68	.90	12.00	12.60	4.00	4.26	
Double Eagle Phosphate	Baltimore	2.00	1.99	1.40	1.40	.60	.59	1.30	12.00	12.60	4.00	4.19	
Double Eagle Phosphate	Baltimore	2.00	2.01	1.40	1.38	.60.	.63	.90	12.00	12.30	4.00	4.30	
Double Eagle Phosphate	Cardiff	2.00	2.05	1.40	1.40	.60	.65	.90	12.00	12.30	4.00	4.18	
Excelsior Mixture	Baltimore	1.00	1.05	.60	.56	.40	.49	.70	9.00	9.00	4.00	4.19	
Excelsior Mixture	Baltimore	1.00	1.05	.60	.59	.40	.46	.70	9.00	9.00	4.00	4.36	
The Old Stand-By	Baltimore	2.00	1.94	1.40	1.32	.60	.62	1.00	12.00	12.30	2.00	2.10	
The Old Stand-By	Baltimore	2.00	1.99	1.40	1.35	.60	.64	1.00	12.00	12.30	2.00	2.40	
Phosphate & Potash	Baltimore							1.10	12.00	12.90	5.00	5.09	
Phosphate & Potash	Baltimore							.80	12.00	12.30	5.00	5.35	
Phosphate & Potash	Baltimore							1.20	12.00	12.70	5.00	5.16	
Phosphate & Potash	Baltimore							1.00	12.00	12.30	5.00	5.40	
Pure Steamed Bone Meal	Baltimore	2.47	2.67						*23.00	*24.20			
Raw Bone Meal	Baltimore	3.70	3.71						*21.50	*22.10			
Sulphate of Ammonia	Baltimore	20.57	20.72										
Three Quarter Century Perfection Brand	Baltimore	3.00	2.98	2.40	2.39	.60	.59	1.10	12.00	13.40	6.00	6.23	
Three Quarter Century Perfection Brand	Baltimore	3.00	3.09	2.40	2.51	.60	.58	.90	12.00	12.10	6.00	6.28	
Herbert Bryant's Son, Alexandria, Va.													
Belle Haven Ammoniated	Silver Spring	2.00	2.18	1.00	1.22	1.00	.96	.50	8.00	8.20	5.00	5.02	
Belle Haven Ammoniated	Washington Grove	2.00	2.01	1.00	1.00	1.00	1.01	.60	8.00	8.00	5.00	5.38	
Excelsior Ammoniated	Silver Spring	5.00	4.07	3.75	2.95	1.25	1.12	.40	8.00	8.40	5.00	5.20	
Excelsior Ammoniated	Silver Spring	5.00	3.85	3.75	3.05	1.25	.80	.40	8.00	8.20	5.00	5.00	
Genuine Fish & Potash Brand	Washington Grove	2.00	1.94	1.00	.84	1.00	1.10	1.10	9.00	9.10	2.00	2.10	
Phosphate & Tobacco	Washington Grove							.90	13.00	13.10			
Pure Animal Bone Meal	Silver Spring	3.70	3.76						*20.60i	*22.00			
Soluble Phosphate & Potash	Washington Grove							1.00	12.00	12.30	5.00	5.20	

*Total Phosphoric Acid.

i. Total Phosphoric Acid guarantee on bag differs from license.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N) Total Guaranteed	NITROGEN (N) Total FOUND	NITROGEN (N) Mineral Declared	NITROGEN (N) Mineral FOUND	NITROGEN (N) Organic Declared	NITROGEN (N) Organic FOUND	PHOSPHORIC ACID (P_2O_5) Insoluble FOUND	PHOSPHORIC ACID (P_2O_5) Available Guaranteed	PHOSPHORIC ACID (P_2O_5) Available FOUND	POTASH (K_2O) Guaranteed	POTASH (K_2O) FOUND
Central Chemical Co., Inc., Baltimore, Md.												
"Gro-All" Dissolved Phosphate 20%	Baltimore							1.30	20.00	20.60		
"Gro-All" Dissolved Phosphate 16%	Baltimore							1.10	16.00	16.40		
"Gro-All" Dissolved Phosphate 16%	Hancock							.60	16.00	16.90		
"Gro-All" Carbo-Lime Phosphate	Baltimore							1.20	14.00	14.10		
"Gro-All" Carbo-Lime Phosphate	Hancock							.70	14.00	15.10		
"Gro-All" Excelsior	Baltimore	2.00	**1.98**	1.50	**1.38**	.50	**.60**	**.90**	8.00	**8.10**	5.00	**5.43**
"Gro-All" Fish & Potash Brand	Baltimore	2.00	**1.99**	1.50	**1.28**	.50	**.71**	**.90**	9.00	**9.70**	3.00	**3.42**
"Gro-All" Fish & Potash Brand	Hancock	2.00	**2.02**	1.50	**1.32**	.50	**.70**	**.40**	9.00	**9.80**	3.00	**3.40**
"Gro-All" Grain Food	Baltimore	2.00	**2.06**	1.50	**1.54**	.50	**.52**	**.90**	12.00	**12.00**	4.00	**4.42**
"Gro-All" Grain & Grass Grower	Baltimore	2.00	**2.19**	1.50	**1.68**	.50	**.51**	**.60**	12.00	**11.60**	2.00	**3.20**
"Gro-All" Potato Special	Baltimore	4.00	**4.11**	3.50	**3.50**	.50	**.61**	**.50**	8.00	**8.70**	7.00	**7.26**
"Gro-All" Potash Special	Baltimore							**.80**	12.00	**12.10**	5.00	**5.67**
"Gro-All" Super-Fish Brand	Baltimore	2.00	**2.01**	.50	**.67**	1.50	**1.34**	**1.10**	12.00	**12.00**	6.00	**6.33**
'Gro-All" Super-Fish Brand	Frederick	2.00	**1.95**	.50	**.46**	1.50	**1.49**	**.60**	12.00	**12.50**	6.00	**6.64**
Chewsville Cooperative Association, Inc., Che	**wsville, Md.**											
Superphosphate	Chewsville							**.40**	16.00	**18.90**		
Crop Grower	Chewsville	4.00	**3.99**	3.00	**2.93**	1.00	**1.06**	**1.00**	12.00	**11.20**	8.00	**8.38**
Golden Harvest	Chewsville	2.00	**2.25**	1.00	**1.40**	1.00	**.85**	**1.00**	10.00	**10.80**	5.00	**5.38**
Phosphate & Potash	Chewsville							**1.10**	12.00	**12.70**	5.00	**5.35**
Chilean Nitrate Sales Corp., New York, N. Y.												
Standard Chilean Nitrate of Soda	Baltimore	15.25	**15.68**									
Clark & Owings, Ellicott City, Md.												
Mixture "D"	Baltimore	2.00	**2.11**	.80	**.86**	1.20	**1.25**	**.40**	9.00	**9.70**	5.00	**5.35**
Mixture "D"	Baltimore	2.00	**2.25**	.80	**.86**	1.20	**1.39**	**.60**	9.00	**10.00**	5.00	**5.40**
Mixture "D"	Ellicott City	2.00	**1.94**	.80	**.80**	1.20	**1.15**	**.50**	9.00	**9.70**	5.00	**5.63**
Mixture "D"	Ellicott City	2.00	**2.11**	.80	**.74**	1.20	**1.37**	**.70**	9.00	**9.00**	5.00	**6.00**
Dairies By-Products Co., Norfolk, Va.												
"Mo-Co-Nu"	Baltimore	1.50	**1.88**						*1.00	*1.40	1.25	**2.30**
Devilbiss Bros., New Windsor, Md.												
Superphosphate	New Windsor							**3.50**	16.00	**17.30**		
Butcher House	New Windsor	2.00	**2.19**	1.50	**1.91**	.50	**.28**	**2.30**	8.00	**8.60**	5.00	**5.40**
Wheat Grower	New Windsor	1.00	**1.21**	.70	**.95**	.30	**.26**	**2.40**	9.00	**9.70**	4.00	**5.24**

Dairies By-Products Co., Norfolk, Va.												
"Mo-Co-Nu"	Baltimore	1.50	1.88						*1.00	*1.40	1.25	2.30
Devilbiss Bros., New Windsor, Md.												
Superphosphate	New Windsor							3.50	16.00	17.30		
Butcher House	New Windsor	2.00	2.19	1.50	1.91	.50	.28	2.30	8.00	8.60	5.00	5.40
Wheat Grower	New Windsor	1.00	1.21	.70	.95	.30	.26	2.40	9.00	9.70	4.00	5.24
Dorchester Fertilizer Co., Cambridge, Md.												
Choice	Cambridge	2.00	2.11	1.90	2.01	.10	.10	.20	8.00	8.40	6.00	6.40
Dorco Gem	Cambridge	1.00	1.18	.85	.91	.15	.27	.60	10.00	10.30	6.00	6.42
†Favorite	Cambridge	2.00	1.94	1.00	1.80	1.00	.14	.30	8.00	9.20	10.00	10.70
Harvest	Cambridge							.50	12.00	12.80	5.00	5.00
Leader	Cambridge							.90	13.00	13.00	3.00	3.20
Standard	Cambridge							.50	11.00	11.40	8.00	8.00
Edelen Bros., Baltimore, Md.												
Wheat & Grain Mixture	Baltimore	2.00	2.12	1.50	1.57	.50	.55	.60	8.00	9.10	5.00	5.12
Wheat & Grain Mixture	Baltimore	2.00	2.09	1.50	1.43	.50	.66	.50	8.00	8.50	5.00	5.18
Emporia Elevator & Feeding Co., Emporia, Kansas												
"Big Sheep" Brand Pulverized Sheep Manure	Baltimore	2.00	2.02						*1.00	*2.00	2.00	3.57
Farmers Cooperative Association, Inc., Frederick, Md.												
Superphosphate	Frederick							1.70	16.00	16.60		
Rock & Potash Special	Frederick							.90	12.00	12.00	5.00	6.78
Sure Crop	Frederick	2.00	2.26	1.60	1.38	.40	.88	.70	12.00	12.20	6.00	6.90
Wheat & Grass Special	Frederick	2.00	1.91	1.60	1.15	.40	.76	.60	8.00	8.80	5.00	6.34
Farmers Fertilizer & Feed Co., Westminster, Md.												
Superphosphate	Westminster							2.40	16.00	17.10		
Farmers Favorite	Westminster	1.00	1.14	.15	.34	.85	.80	1.30	10.00	9.00	5.00	5.00
Potato Grower	Westminster	2.00	2.11	1.40	1.54	.60	.57	2.40	8.00	8.10	5.00	5.20
Superphosphate & Potash	Westminster							1.10	12.00	11.90	5.00	5.10
XX	Westminster	1.00	1.15	.15	.35	.85	.80	1.20	9.00	8.90	3.00	3.36
Griffith & Boyd Co., Baltimore, Md.												
Acid Phosphate, H. G.	Baltimore							.40	16.00	17.40		
Lime Phosphate	Baltimore							.90	14.00	14.30		
Gilt Edge Crop Guano	Baltimore	2.00	1.98	1.40	1.32	.60	.66	.40	8.00	8.60	10.00	10.24
Gilt Edge Crop Guano	Baltimore	2.00	2.02	1.40	1.26	.60	.76	.40	8.00	8.60	10.00	10.16
Royal Potash Guano	Baltimore	1.00	.86	.20	.07	.80	.79	.40	9.00	9.00	4.00	4.40
Royal Potash Guano	Baltimore	1.00	1.05	.20	.17	.80	.88	.50	9.00	9.50	4.00	4.00
Special Guano	Baltimore	2.00	2.01	1.40	1.26	.60	.75	.70	8.00	8.00	5.00	5.20
Special Guano	Baltimore	2.00	1.99	1.40	1.36	.60	.63	.80	8.00	8.00	5.00	5.16

*Total Phosphoric Acid.

† Mineral and Organic findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Griffith & Boyd Co, Baltimore, Md., (Cont.)												
Special Guano	Baltimore	2.00	**2.25**	1.40	**1.33**	.60	**.92**	**.60**	8.00	**9.00**	5.00	**5.04**
Griffith & Turner Co., Baltimore, Md.												
Soft Ground Bone	Baltimore	3.00	**2.99**	.....	.....	.....	.....	.....	*14.00	*17.60	.....	.....
Hampstead Fertilizer Co., Hampstead, Md.												
1-9-4	Hampstead	1.00	**1.07**	.50	**.62**	.50	**.45**	**.40**	9.00	**9.30**	4.00	**4.38**
2-8-5	Hampstead	2.00	**2.02**	1.40	**1.40**	.60	**.62**	**.10**	8.00	**9.10**	5.00	**5.00**
2-8-5	Hampstead	2.00	**1.83**	1.40	**1.21**	.60	**.62**	**.30**	8.00	**8.70**	5.00	**5.10**
Heil Co., Milwaukee, Wis.												
Quality Dehydrated Weedless Sheep Manure	Baltimore	**2.00**	**2.09**	.....	.....	.....	.....	.....	*1.50	*1.90	2.00	**3.61**
Horsey, Roe & Co., Greensboro, Md.												
2-8-5	Greensboro	2.00	**2.19**	1.90	**1.76**	.10	**.43**	**.40**	8.00	**9.00**	5.00	**5.55**
0-12-5	Greensboro	.....	.....	.....	.....	.....	.....	**.60**	12.00	**12.50**	5.00	**5.16**
Hubbard Fertilizer Co., Baltimore, Md.												
Superphosphate	Baltimore	.....	.....	.....	.....	.....	.....	.....	**1.40**	16.00	**16.30**	.....	.....
Superphosphate	Baltimore	.....	.....	.....	.....	.....	.....	.....	**1.20**	16.00	**16.20**	.....	.....
1-9-4 Fertilizer	Baltimore	1.00	**1.04**	.50	**.28**	.50	**.76**	**.70**	9.00	**8.80**	4.00	**4.70**
Money Maker Fertilizer	Baltimore	2.00	**1.98**	1.50	**1.25**	.50	**.73**	**.70**	8.00	**8.30**	5.00	**5.08**
Maryland Milling and Supply Co., Sykesville, Md.												
Superphosphate, H. G.	Sykesville	.....	.....	.....	.....	.....	.....	.....	**1.30**	16.00	**16.10**	.....	.....
†Dietrich's Favorite	Sykesville	1.00	**1.04**	0.00	**.48**	1.00	**.56**	**.70**	8.00	**8.50**	4.00	**4.62**
†Newman's Favorite	Sykesville	2.00	**2.11**	0.00	**1.91**	2.00	**.20**	**.80**	8.00	**8.40**	5.00	**5.12**
†1933 Mixture	Sykesville	2.00	**2.43**	1.00	**2.08**	1.00	**.35**	**1.00**	12.00	**12.10**	4.00	**3.84**
Phosphate & Potash	Sykesville	.....	.....	.....	.....	.....	.....	**2.40**	12.00	**11.40**	5.00	**5.90**
Massey & Wilmer, Chestertown, Md.												
Super-Phosphate	Chestertown	.....	.....	.....	.....	.....	.....	**.20**	16.00	**18.90**	.....	.....
Crop Producer	Chestertown	1.00	**1.17**	.80	**.80**	.20	**.37**	**.50**	9.00	**10.00**	4.00	**4.62**
Trustworthy	Chestertown	2.00	**2.11**	1.00	**1.01**	1.00	**1.10**	**.70**	8.00	**9.20**	5.00	**5.34**
0-12-5	Chestertown	.....	.....	.....	.....	.....	.....	**.30**	12.00	**12.90**	5.00	**5.40**

Phosphate & Potash	Sykesville											
Massey & Wilmer, Chestertown, Md.												
Super-Phosphate	Chestertown							.20	16.00	18.90		
Crop Producer	Chestertown	1.00	1.17	.80	.80	.20	.37	.50	9.00	10.00	4.00	4.62
Trustworthy	Chestertown	2.00	2.11	1.00	1.01	1.00	1.10	.70	8.00	9.20	5.00	5.34
0-12-5	Chestertown							.30	12.00	12.90	5.00	5.40
Medford Fertilizer Works, Medford, Md.												
1-8-5	Medford	1.00	1.41	.50	1.01	.50	.40	.50	8.00	8.50	5.00	5.36
2-8-5	Medford	2.00	1.99	1.50	1.26	.50	.73	.60	8.00	8.20	5.00	5.40
F. Mehring Fertilizer Works, Inc., Keymar, Md.												
Superphosphate	Keymar							3.90	16.00	16.40		
Superphosphate	Baltimore							3.60	16.00	16.80		
Big 4	Baltimore	1.00	.79	.60	.49	.40	.30	1.90	9.00	11.40	4.00	3.57
Big 4	Keymar	1.00	1.01	.60	.48	.40	.53	2.80	9.00	9.10	4.00	4.04
Big 4	Woodsboro	1.00	1.11	.60	.39	.40	.72	3.30	9.00	8.60	4.00	4.04
Indian Chief	Keymar	2.00	2.04	1.60	1.60	.40	.44	3.30	12.00	12.10	6.00	6.79
Mammouth Truck Grower	Baltimore	2.00	1.91	1.40	1.43	.60	.48	1.60	8.00	8.50	5.00	5.00
Mammouth Truck Grower	Keymar	2.00	2.04	1.40	1.45	.60	.59	2.70	8.00	8.10	5.00	5.42
Potash Mixture	Keymar							1.80	12.00	11.30	5.00	5.12
Miller Fertilizer Co., Baltimore, Md.												
Superphosphate	Baltimore							.70	16.00	16.80		
Superphosphate	Baltimore							.90	16.00	16.80		
Superphosphate	Baltimore							1.00	16.00	16.50		
Superphosphate	Friendsville							1.30	16.00	16.00		
Superphosphate	Baltimore							1.10	16.00	16.60		
Superphosphate	Elkton							1.10	16.00	16.00		
Lime & Phosphate	Friendsville							1.20	14.00	14.40		
4-12-4	Baltimore	4.00	4.10	3.50	3.65	.50	.45	.60	12.00	13.10	4.00	4.16
Harvest Queen	Linwood	1.00	1.12	.50	.35	.50	.77	.80	9.00	9.20	4.00	4.08
Harvest Queen	Baltimore	1.00	1.08	.50	.31	.50	.77	.40	9.00	9.00	4.00	4.22
Pimlico	Baltimore	2.00	2.02	1.50	1.29	.50	.73	.90	8.00	8.20	10.00	10.40
Pimlico	Elkton	2.00	1.98	1.50	1.43	.50	.55	.50	8.00	8.30	10.00	10.36
Pimlico	Vienna	2.00	1.99					.90	8.00	8.20	10.00	10.94
3-12-6	Baltimore	3.00	3.03	2.50	2.47	.50	.56	.90	12.00	12.90	6.00	6.10
3-12-6	Baltimore	3.00	2.89	2.50	2.47	.50	.42	.30	12.00	12.40	6.00	6.32
2-12-6	Baltimore	2.00	2.13	1.50	1.52	.50	.61	.60	12.00	12.40	6.00	6.29
2-12-6	Baltimore	2.00	1.98	1.50	1.46	.50	.52	.60	12.00	12.20	6.00	6.32
2-12-4	Baltimore	2.00	2.05	1.50	1.40	.50	.65	.60	12.00	12.30	4.00	4.42
2-12-4	Elkton	2.00	2.01	1.50	1.40	.50	.61	.50	12.00	12.30	4.00	4.10
2-10-6	Elkton	2.00	2.06	1.40	1.50	.60	.56	.40	10.00	10.20	6.00	6.20
2-8-5	Baltimore	2.00	2.05	1.50	1.38	.50	.67	.90	8.00	8.00	5.00	5.00
2-8-5	Baltimore	2.00	1.93	1.50	1.26	.50	.69	.80	8.00	8.30	5.00	5.40

*Total Phosphoric Acid.

† Mineral & Organic findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Miller Fertilizer Co., Baltimore, Md. (Cont.)												
2-8-5	Baltimore	2.00	2.22	1.50	1.54	.50	.68	.60	8.00	8.70	5.00	5.32
2-8-5	Baltimore	2.00	2.05	1.50	1.54	.50	.51	.60	8.00	8.60	5.00	5.02
2-8-5	Rising Sun	2.00	2.04	1.50	1.46	.50	.58	.90	8.00	8.30	5.00	5.32
2-8-5	Laurel	2.00	2.05	1.50	1.43	.50	.62	.70	8.00	8.00	5.00	5.22
2-8-5	Baltimore	2.00	2.22	1.50	1.52	.50	.70	.60	8.00	8.50	5.00	5.55
0-12-5	Baltimore							1.00	12.00	12.30	5.00	5.08
0-12-5	Baltimore							.70	12.00	12.30	5.00	5.24
0-10-10	Vienna							.70	10.00	10.30	10.00	10.24
N. V. Potash Export My. Inc., Baltimore, Md.												
Muriate of Potash	Mt. Lake Park										48.00	52.08
G. Ober & Sons Co., Baltimore, Md.												
Extra Grade Superphosphate 20%	Baltimore							1.60	20.00	19.50		
Extra Grade Superphosphate 20%	Baltimore							1.30	20.00	20.10		
Superphosphate H. G. 16%	Baltimore							1.20	16.00	16.70		
Superphosphate H. G. 16%	Baltimore							1.70	16.00	16.60		
Superphosphate H. G. 16%	Baltimore							1.80	16.00	16.70		
Superphosphate H. G. 16%	Baltimore						2.10	16.00	10.00	16.70		
Red Seal Corn & Wheat Guano	Baltimore	2.00	1.98	1.60	1.49	.40	.49	1.10	12.00	12.70	4.00	3.86
Red Seal Corn & Wheat Guano	Baltimore	2.00	1.88	1.60	1.40	.40	.48	1.40	12.00	12.60	4.00	4.20
Special Plant Food	Baltimore	2.00	1.87	1.60	1.47	.40	.40	1.30	8.00	8.60	5.00	5.30
Special Plant Food	Baltimore	2.00	1.98	1.60	1.61	.40	.37	1.10	8.00	8.90	5.00	5.32
Special Plant Food	Baltimore	2.00	1.98	1.60	1.54	.40	.44	1.60	8.00	8.80	5.00	5.10
Special Plant Food	Baltimore	2.00	1.94	1.60	1.42	.40	.52	1.70	8.00	8.80	5.00	5.30
Special Plant Food	Owings Mills	2.00	1.99	1.60	1.54	.40	.45	1.00	8.00	8.20	5.00	5.32
Stag Guano	Baltimore	1.00	1.00	.80	.70	.20	.30	1.30	9.00	9.80	4.00	4.19
Stag Guano	Baltimore	1.00	1.15	.80	.77	.20	.38	1.30	9.00	9.10	4.00	4.97
Stag Guano	Baltimore	1.00	1.17	.80	.74	.20	.43	1.50	9.00	9.00	4.00	4.40
Swan E Guano	Baltimore	2.00	1.95	1.60	1.49	.40	.46	1.70	9.00	9.10	3.00	3.32
Twelve & Five Potash Compound	Baltimore							1.40	12.00	12.40	5.00	5.04
Twelve & Five Potash Compound	Baltimore							1.50	12.00	12.10	5.00	5.04
Twelve & Five Potash Compound	Baltimore							2.10	12.00	11.50	5.00	5.32

Stag Guano	Baltimore	1.00	1.17	.80	.74	.20	.43	1.30	9.00	9.00	4.00	4.40
Swan E Guano	Baltimore	2.00	1.95	1.60	1.49	.40	.46	1.70	9.00	9.10	3.00	3.32
Twelve & Five Potash Compound	Baltimore							1.40	12.00	12.40	5.00	5.04
Twelve & Five Potash Compound	Baltimore							1.50	12.00	12.10	5.00	5.04
Twelve & Five Potash Compound	Baltimore							2.10	12.00	11.50	5.00	5.32
Pacific Manure & Fertilizer Co., San Francisco, Calif.												
Groz-It-Brand Pulverized Sheep Manure	Baltimore	1.50	1.52						*.75	*.90	3.00	3.30
Peerless Fertilizer Co., Chestertown, Md.												
†Bone Special	Chestertown	1.00	1.17	0.00	.70	1.00	.47	.60	8.00	8.50	5.00	4.80
Farm Bell	Chestertown							.60	9.00	9.20	5.00	5.20
Imperial Compound	Chestertown	1.00	1.04	.50	.59	.50	.45	.30	9.00	8.60	4.00	4.30
Piedmont-Mt. Airy Guano Co., Inc., Baltimore, Md.												
Farmers Favorite	Baltimore	1.00	1.07	.50	.31	.50	.76	.90	9.00	9.20	4.00	4.12
Perfection Guano	Baltimore	2.00	2.19	1.50	1.57	.50	.62	.60	8.00	8.70	5.00	5.20
Perfection Guano	Baltimore	2.00	2.08	1.50	1.47	.50	.61	.50	8.00	8.40	5.00	5.30
Plantabbs, Corp., Baltimore, Md.												
Fulton's Plantabbs	Baltimore	11.00	11.02						*15.00	*19.60	20.00	26.08
Potomac Poultry Food Co., Inc., Baltimore, Md.												
4% Potash Potolime, Baked Oyster Shell Lime	Baltimore						§41.00	§42.90	‡.40	‡.94	4.00	3.49
Pulverized Manure Co., Chicago, Ill.												
Wizard Brand Cattle Manure	Baltimore	2.00	2.27						*1.00	*1.30	1.00	1.20
Wizard Brand Pulverized Sheep Manure	Baltimore	2.00	2.30						*1.00	*1.80	2.00	2.72
Ramsburg Fertilizer Co., Frederick, Md.												
Super Phosphate	Frederick							.10	16.00	17.40		
Ammoniated Phosphate	Frederick	1.00	1.08	.65	.53	.35	.55	.70	10.00	11.50	4.00	4.23
Excelsior Plant Food	Frederick	2.00	2.26	1.50	1.22	.50	1.04	1.90	10.00	11.50	4.00	4.00
Excelsior Plant Food	Frederick	2.00	2.06	1.50	1.35	.50	.71	.50	10.00	12.10	4.00	4.26
Old Virginia Compound	Frederick	1.00	1.07	.65	.59	.35	.48	.60	10.00	11.70	5.00	5.94
Royal Crop Grower	Frederick	2.00	2.08	1.50	1.81	.50	.27	1.20	12.00	12.70	6.00	6.13
Special Rock & Potash	Frederick							.50	12.00	12.70	5.00	5.20
Special 2-8-5 Fertilizer	Frederick	2.00	2.05	1.65	1.38	.35	.67	.60	8.00	11.80	5.00	5.39
Rasin-Monumental Co., Baltimore, Md.												
Comet Grain & Grass Grower	Baltimore	2.00	2.08	1.50	1.40	.50	.68	.40	12.00	12.20	4.00	4.40
Royal Fish & Potash Brand Fertilizer	Baltimore	2.00	2.01	1.50	1.57	.50	.44	.50	9.00	10.00	3.00	3.22
Royal Fish & Potash Brand Fertilizer	Baltimore	2.00	2.04	1.50	1.52	.50	.52	.60	9.00	10.00	3.00	3.40
Royal Fish & Potash Brand Fertilizer	Cumberland	2.00	1.99	1.50	1.50	.50	.49	.70	9.00	9.60	3.00	3.22
Universal Crop Manure	Baltimore	2.00	2.15	1.50	1.31	.50	.84	.20	8.00	8.60	5.00	5.08

*Total Phosphoric Acid. § Calcium Oxide. ‡ Magnesium Oxide. † Mineral and Organic findings do not substantiate manufacturers declaration.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Read Drug & Chemical Co., Baltimore, Md.												
Plant-gro	Baltimore	4.00	4.24	4.00	3.04	0.00	1.20	.90	12.00	12.60	4.00	4.08
Raw Bone Meal	Baltimore	3.70	3.76	.....	.....	.....	.....	.....	*21.50	*23.10	.....	.....
Reindollar Co., Taneytown, Md.												
Acid Phosphate	Taneytown	.....	.....	.....	.....	.....	.....	.70	16.00	16.00	.....	.....
Crop Grower	Taneytown	2.00	2.09	1.50	1.47	.50	.62	.50	8.00	8.40	5.00	6.18
Rock & Potash	Taneytown	.....	.....	.....	.....	.....	.....	.60	12.00	12.30	5.00	5.10
F. S. Royster Guano Co., Baltimore, Md.												
Superphosphate	Baltimore	.....	.....	.....	.....	.....	.....	.80	16.00	16.30	.....	.....
Superphosphate	Baltimore	.....	.....	.....	.....	.....	.....	.70	16.00	16.30	.....	.....
Banner Guano	Baltimore	2.00	2.19	1.60	1.78	.40	.41	.60	8.00	8.80	10.00	10.10
Bully Guano	Baltimore	2.00	2.02	1.60	1.61	.40	.41	.30	8.00	9.00	5.00	5.12
Bully Guano	Baltimore	2.00	2.02	1.60	1.66	.40	.36	.20	8.00	8.80	5.00	5.40
Bully Guano	Baltimore	2.00	1.99	1.60	1.59	.40	.40	.20	8.00	8.90	5.00	5.00
Fine Ground Bone Meal	Rockville	2.47	2.63	.....	.....	.....	.....	.....	*22.90	*24.50	.....	.....
Gem Guano	Baltimore	2.00	2.02	1.60	1.59	.40	.43	.70	12.00	12.90	4.00	4.16
Gem Guano	Mt. Lake Park	2.00	2.04	1.60	1.61	.40	.43	1.20	12.00	12.30	4.00	4.16
Phosphate & Potash	Baltimore	.....	.....	.....	.....	.....	.....	.70	12.00	12.80	5.00	5.28
Phosphate & Potash	Baltimore	.....	.....	.....	.....	.....	.....	.70	12.00	12.80	5.00	5.00
Phosphate & Potash	Baltimore	.....	.....	.....	.....	.....	.....	.80	12.00	12.50	5.00	5.04
Phosphate & Potash	Baltimore	.....	.....	.....	.....	.....	.....	.60	10.00	10.40	10.00	10.10
Rational Guano	Baltimore	1.00	1.10	.80	.70	.20	.40	.20	9.00	9.60	4.00	4.08
2-16-8 Fertilizer	Baltimore	2.00	2.18	1.90	1.90	.10	.28	.30	16.00	16.00	8.00	8.32
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.												
Esskay Plant Food	Silver Spring	5.00	5.68	.....	.07	.....	5.61	5.50	9.00	9.00	4.00	4.28
Simon Brothers, Baltimore, Md.												
Mor Life Plant Food	Baltimore	4.00	3.86	.80	.04	3.20	3.82	.....	*5.00	*5.00	2.00	2.28
R. H. Slingluff Fertilizer Co., Baltimore, Md.												
Superphosphate	Baltimore	.....	.....	.....	.....	.....	.....	.60	16.00	16.50	.....	.....

Simon Brothers, Baltimore, Md.												
Mor Life Plant Food	Baltimore	4.00	3.86	.80	.04	3.20	3.82		*5.00	*5.00	2.00	2.28
R. H. Slingluff Fertilizer Co., Baltimore, Md.												
Superphosphate	Baltimore							.60	16.00	16.50		
Champion Phosphate	Baltimore	2.00	1.94	1.50	1.26	.50	.68	.60	8.00	8.80	5.00	5.00
Champion Phosphate	Baltimore	2.00	2.02	1.50	1.38	.50	.64	.50	8.00	8.00	5.00	5.20
Harvest Queen	Baltimore	1.00	1.04	.75	0.00	.25	1.04	.70	9.00	9.00	4.00	4.12
2-12-4	Baltimore	2.00	1.98	1.75	1.40	.25	.58	.50	12.00	12.80	4.00	4.22
Somerset County Fertilizer Works, Inc., Somerset, Pa.												
Beaver Brand 2-8-10	Grantsville	2.00	1.83	1.50	1.38	.50	.45	.60	8.00	8.70	10.00	10.00
Beaver Brand 2-8-5	Grantsville	2.00	1.90	1.50	1.40	.50	.50	.30	8.00	8.00	5.00	5.70
Standard Wholesale Phosphate & Acid Works, Inc., Baltimore, Md.												
U. S. Superphosphate 20%	Baltimore							.90	20.00	21.00		
U. S. Superphosphate 20%	Baltimore							.70	20.00	20.40		
U. S. Superphosphate 16%	Baltimore							.90	16.00	17.80		
U. S. Superphosphate 16%	Baltimore							.70	16.00	17.00		
U. S. 5-8-5	Owings Mills	5.00	5.01	4.00	3.95	1.00	1.06	.80	8.00	8.20	5.00	5.24
U. S. 1-9-4	Baltimore	1.00	1.08	.80	.03	.20	1.05	.70	9.00	9.90	4.00	3.84
U. S. Prosperity Brand	Baltimore	2.00	2.02	1.60	1.46	.40	.56	.80	12.00	12.80	6.00	6.21
U. S. Prosperity Brand	Baltimore	2.00	2.13	1.60	1.40	.40	.73	.70	12.00	12.50	6.00	6.32
Raw Bone Meal	Owings Mills	3.70	3.82						*22.00	*22.90		
U. S. 6-6-5	Owings Mills	6.00	5.98	4.80	4.73	1.20	1.25	.40	6.00	6.70	5.00	5.40
U. S. 2-12-6	Baltimore	2.00	1.99	1.60	1.43	.40	.56	.90	12.00	12.90	6.00	6.05
U. S. 2-12-6	Baltimore	2.00	1.98	1.60	1.47	.40	.51	1.30	12.00	12.10	6.00	6.29
U. S. 2-12-4	Baltimore	2.00	2.23	1.60	1.66	.40	.57	.80	12.00	12.80	4.00	4.12
U. S. 2-12-4	Baltimore	2.00	2.05	1.60	1.54	.40	.51	.90	12.00	11.90	4.00	5.51
U. S. 2-12-4	Hagerstown	2.00	2.02					.70	12.00	12.40	4.00	4.30
U. S. 2-12-4	Jessups	2.00	2.33	1.60	1.68	.40	.65	.60	12.00	11.70	4.00	4.44
U. S. 2-12-4	Loch Raven	2.00	2.11	1.60	1.54	.40	.57	.70	12.00	12.00	4.00	4.34
U. S. 2-12-4	Owings Mills	2.00	2.25	1.60	1.66	.40	.59	.80	12.00	12.00	4.00	4.30
U. S. 2-12-4	Owings Mills	2.00	2.05					1.00	12.00	12.00	4.00	5.05
U. S. 2-12-2	Baltimore	2.00	2.16	1.60	1.59	.40	.57	.90	12.00	12.60	2.00	2.32
U. S. 2-8-10	Baltimore	2.00	2.06	1.60	1.57	.40	.49	.80	8.00	8.50	10.00	10.40
U. S. 2-8-10	Baltimore	2.00	2.25	1.60	1.68	.40	.57	.80	8.00	8.50	10.00	10.08
U. S. 2-8-5	Baltimore	2.00	2.02	1.60	1.47	.40	.55	.80	8.00	8.50	5.00	5.08
U. S. 2-8-5	Baltimore	2.00	2.05	1.60	1.54	.40	.51	.70	8.00	9.40	5.00	5.00
U. S. 0-12-5	Baltimore							.50	12.00	12.50	5.00	5.40
U. S. 0-12-5	Baltimore							.50	12.00	12.70	5.00	5.04
Summers Fertilizer Co., Inc., Baltimore, Md.												
Genuine Venezuelan Goat Manure	Baltimore	1.00	1.29						*1.00	*1.30	3.00	3.49
Best on Earth 2-8-5 Fertilizer	Baltimore	2.00	2.16	1.50	1.74	.50	.42	1.80	8.00	8.70	5.00	5.18

*Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Swift & Co., Baltimore, Md.												
Red Steer Superphosphate	Baltimore							.80	16.00	17.00		
Red Steer Superphosphate	Baltimore							1.00	16.00	16.20		
Red Steer Superphosphate	Baltimore							.80	16.00	16.00		
Red Steer Superphosphate	Thurmont							.90	16.00	14.90		
Red Steer 1-9-4	Baltimore	1.00	1.14	.79	.88	.21	.26	.40	9.00	10.40	4.00	3.68
Red Steer 1-9-4	Baltimore	1.00	1.05	.79	.86	.21	.19	.30	9.00	9.80	4.00	4.04
Red Steer 3-12-6	Baltimore	3.00	2.99	2.57	2.53	.43	.46	.70	12.00	12.40	6.00	6.36
Red Steer 3-12-6	Baltimore	3.00	3.03	2.57	2.57	.43	.46	.50	12.00	12.30	6.00	6.22
Red Steer 3-12-6	Baltimore	3.00	3.12	2.57	2.58	.43	.54	.50	12.00	12.60	6.00	6.13
Red Steer 2-12-4	Baltimore	2.00	2.06	1.57	1.64	.43	.42	.60	12.00	12.60	4.00	4.40
Red Steer 2-12-4	Baltimore	2.00	2.19	1.57	1.64	.43	.55	.80	12.00	12.10	4.00	4.19
Red Steer 2-8-10	Baltimore	2.00	2.04	1.57	1.64	.43	.40	.30	8.00	8.40	10.00	10.40
Red Steer 2-8-5	Baltimore	2.00	2.06	1.57	1.70	.43	.36	.30	8.00	8.70	5.00	5.12
Red Steer 2-8-5	Baltimore	2.00	2.05	1.57	1.70	.43	.35	.30	8.00	8.40	5.00	5.12
Red Steer 2-8-5	Baltimore	2.00	2.02	1.57	1.59	.43	.43	.40	8.00	8.00	5.00	5.02
Red Steer 2-8-5	Baltimore	2.00	2.19	1.57	1.68	.43	.51	.50	8.00	8.00	5.00	5.24
Red Steer 2-8-5	Baltimore	2.00	2.18	1.57	1.74	.43	.44	.50	8.00	8.10	5.00	5.38
Red Steer 2-8-5	Baltimore	2.00	2.05	1.57	1.52	.43	.53	.40	8.00	8.30	5.00	5.16
Red Steer 0-12-5	Baltimore							.40	12.00	12.60	5.00	5.28
Red Steer 0-12-5	Baltimore							.60	12.00	12.40	5.00	5.40
Vigoro	Baltimore	4.00	4.11	3.84	3.87	.16	.24	.40	12.00	12.80	4.00	4.36
Vigoro	Baltimore	4.00	3.99	3.84	3.56	.16	.43	.60	12.00	12.60	4.00	4.40
Synthetic Nitrogen Products Corp., New York, N. Y.												
Nitrophoska	Baltimore	15.00	15.00					.10	30.00	30.20	15.00	15.52
Urea	Baltimore	46.00	46.08									
Tennessee Corp., Lockland, Ohio												
Loma	Baltimore	5.00	5.25	4.00	3.96	1.00	1.29	1.00	10.00	10.90	4.00	4.08
Loma	Baltimore	5.00	4.98	4.00	4.41	1.00	.57	.50	10.00	11.10	4.00	4.08
†Soil-Prep	Baltimore	4.00	4.27	0.00	1.77	4.00	2.50		*2.00	*3.10	2.00	2.40
Thomas & Co., Frederick, Md.												
Superphosphate	Union Bridge							1.60	16.00	17.00		
Harvest Queen	Gaithersburg	1.00	1.10	.75	.79	.25	.31	1.00	10.00	10.80	2.00	3.10

Loma	Baltimore	5.00	4.98	4.00	4.41	1.00	.57	.50	10.00	11.10	4.00	4.08
Loma	Baltimore	4.00	4.27	0.00	1.77	4.00	2.50		*2.00	*3.10	2.00	2.40
†Soil-Prep	Baltimore											
Thomas & Co., Frederick, Md.												
Superphosphate	Union Bridge							1.60	16.00	17.00		
Harvest Queen	Gaithersburg	1.00	1.10	.75	.79	.25	.31	1.00	10.00	10.80	2.00	3.10
Rock & Potash	Gaithersburg							1.60	12.00	11.80	5.00	5.74
2-12-6	Frederick	2.00	1.52	1.80	1.31	.20	.21	1.10	12.00	10.60	6.00	6.00
Wheat & Grass Grower	Gaithersburg	2.00	1.99	1.80	1.76	.20	.23	.50	8.00	9.10	5.00	5.40
Wheat & Grass Grower	Union Bridge	2.00	2.04	1.80	1.68	.20	.36	.70	8.00	8.30	5.00	5.94
Thomas & Taylor, Baltimore, Md.												
Vita-Vim	Baltimore	6.00	5.59	3.50	3.10	2.50	2.49	1.40	10.00	10.00	4.00	5.24
Vita-Vim	Baltimore	6.00	5.08	3.50	2.96	2.50	2.12	.80	10.00	10.20	4.00	6.22
Wm. B. Tilghman Co., Salisbury, Md.												
Superphosphate	Salisbury							.40	16.00	16.70		
"Q" Brand	Salisbury	2.00	2.11	1.40	1.74	.60	.37	.60	10.00	10.40	6.00	6.00
"S. P."	Salisbury	2.00	2.04	1.40	1.54	.60	.50	.50	8.00	8.60	10.00	11.02
Standard	Salisbury	2.00	2.18	1.40	1.60	.60	.58	.40	8.00	8.50	5.00	5.16
F. W. Tunnell & Co., Inc., Philadelphia, Pa.												
Fish Brand Mixture	Colora	2.00	2.01	.80	.87	1.20	1.14	.30	10.00	10.70	6.00	6.24
Veribest Cereal Manure	Colora	2.00	2.20	1.00	.87	1.00	1.33	.50	8.00	8.10	5.00	5.10
Wheat & Cereal Manure	Colora	1.00	1.10	.50	.34	.50	.76	.40	9.00	9.60	4.00	4.28
Uniform Products Co., Inc., New York, N. Y.												
F. & I. (Ground Tobacco Stems)	Baltimore	1.75	2.42						*.25	*.50	3.50	5.24
E. S .Valliant & Son, Centreville, Md.												
Acid Phosphate	Centreville							1.00	16.00	16.90		
Ammoniated Potash Mixture	Centreville	1.00	1.10	.80	.90	.20	.20	.10	11.00	12.20	5.00	5.20
Animal Base Brand	Centreville	1.00	1.22	.80	.95	.20	.27	.10	11.00	11.10	4.00	5.31
Gem	Centreville							.70	10.00	10.40	5.00	5.20
Harmony	Centreville	2.00	2.06	1.80	1.85	.20	.21	.50	10.00	10.80	5.00	5.00
Harvest	Centreville							.70	12.00	12.50	5.00	5.28
Keystone	Centreville	2.00	2.02	1.80	2.01	.20	.01	.40	8.00	8.50	5.00	5.35
Standard	Centreville	1.00	1.21	.80	.98	.20	.23	.80	9.00	9.50	4.00	4.40
Winner	Centreville	2.00	2.01	1.70	1.80	.30	.21	1.00	8.00	8.10	10.00	10.00
Virginia-Carolina Chemical Corp., Baltimore, Md.												
V-C. Superphosphate	Baltimore							.60	16.00	15.70		
V-C. Superphosphate	Cumberland							.40	16.00	15.90		
BloomAid, Tablet Form	Baltimore	10.00	10.11	10.00	9.90	0.00	.21	.20	14.00	15.50	6.00	7.14

† Mineral & Organic findings do not substantiate manufacturers declaration.

*Total Phosphoric Acid.

Manufacturer and Brand Name	Place of Sampling	NITROGEN (N)						PHOSPHORIC ACID (P_2O_5)			POTASH (K_2O)	
		Total		Mineral		Organic		Insoluble	Available			
		Guaranteed	FOUND	Declared	FOUND	Declared	FOUND	FOUND	Guaranteed	FOUND	Guaranteed	FOUND
Virginia-Carolina Chemical Corp., Baltimore, Md. (continued)												
V-C. Double Empire Brand	Baltimore	4.00	**3.90**	3.00	**3.16**	1.00	**.74**	**.30**	16.00	**16.30**	6.00	**6.38**
V-C. Fairway Fertilizer	Baltimore	6.00	**6.88**	5.10	**4.84**	.90	**2.04**	**.40**	6.00	**7.00**	4.00	**5.51**
V-C. Fish Bone & Potash Brand Fertilizer	Baltimore	2.00	**2.08**	1.50	**1.59**	.50	**.49**	**.60**	9.00	**9.80**	3.00	**3.18**
V-C. Great Truck & Vegetable Compound	Baltimore	4.00	**3.65**	3.00	**3.02**	1.00	**.63**	**.50**	8.00	**9.00**	5.00	**5.00**
V-C. Universal Crop Manure	Baltimore	2.00	**1.94**	1.50	**1.33**	.50	**.61**	**.30**	8.00	**8.60**	5.00	**5.00**
Westminster Fertilizer Co., Westminster, Md.												
Superphosphate	Westminster	.....	.....	.....	.....	.....	.....	**.90**	16.00	**16.90**	.....	.....
Leader	Westminster	1.00	**1.35**	.50	**.83**	.50	**.52**	**.40**	9.00	**9.40**	4.00	**4.20**
2-8-5	Westminster	2.00	**1.85**	1.40	**1.29**	.60	**.56**	**.30**	8.00	**8.20**	5.00	**5.20**
Super-A	Westminster	1.00	**1.29**	.50	**.73**	.50	**.56**	**.20**	11.00	**11.40**	2.00	**2.40**
Worchester Fertilizer Co., Snow Hill, Md.												
Superphosphate	Snow Hill	.....	.....	.....	.....	.....	.....	**.80**	16.00	**16.40**	.....	.....
Correct Plant Food Mixture 1-9-4	Snow Hill	1.00	**1.17**	.80	**.80**	.20	**.37**	**.90**	9.00	**9.20**	4.00	**4.04**
Correct Plant Food Mixture 2-8-5	Snow Hill	2.00	**2.02**	1.60	**1.63**	.40	**.39**	**.70**	8.00	**8.20**	5.00	**5.24**

TABLES

The results obtained in the chemical and microscopical examination of feeds are found on pages 22 to 71. Feeds are considered seriously deficient as regards chemical analysis when they are 1 per cent or more deficient in protein, or one-half of 1 per cent deficient in fat.

MANUFACTURER AND ADDRESS	NAME OF FEED
Acton Co., Philadelphia, Pa.	‡Pure Soft Winter Wheat Bran
Agricultural Corporation of Md., Balto., Md.	Md. Supplement 32% Dairy Ration
" " "	Md. Supplement 32% Dairy Ration
" " "	Md. Moremilk 24% Dairy Ration
" " "	Md. Productive 24% Dairy Ration
" " "	Md. Productive 24% Dairy Ration
" " "	Md. Economy 20% Dairy Ration
" " "	Md. Egg Mash No.1
Akron-Urban Mills, Inc., Urbana, Ill.	‡Ohio 24% Dairy Ration
" " "	‡Portage 24% Unaflo Dairy Ration
" " "	‡Portage 16% Complete Dairy Ration
" " "	‡Ohio Egg Mash
" " "	*Poultry Leaf
" " "	*Greenleaf Alfalfa Leaf Meal
" " "	‡Greenleaf Alfalfa Leaf Meal
" " "	‡Ohio Chop Feed
" " "	‡Portage 14% Hog Fattener
Albers Bros. Milling Co., San Francisco, Cal.	Atlas Brand Poultry Greens
" " "	Atlas Brand Poultry Greens
G. A. Allender, Elkton, Md.	Dandy Meat, Fish & Bone Meal
" " "	Dandy 24% Dairy Feed
" " "	Dandy 16% Dairy Feed
" " "	Dandy Laying Mash
" " "	Dandy Starting & Growing Mash
Allen & Wheeler Co., Troy, Ohio	Trojan Spring Bran
" " "	Trojan Spring Bran
" " "	Trojan Spring Bran
Allied Mills, Inc., Chicago, Ill.	Wayne 32% Farm Mix Dairy Feed
" "	Wayne 32% Farm Mix Dairy Feed
" "	Wayne 24% Dairy Feed
" "	Wayne 24% Dairy Feed
" "	Empire 20% Dariy Ration
" "	Wayne Ideal 16% Dairy Feed
" "	Brewers Dried Grains
" "	Empire Egg Mash
" "	Wayne Egg Mash
" "	Wayne Mash Concentrate
" "	‡Wayne Breeder Mash
" "	Wayne All Mash Grower
" "	Wayne Broiler Ration
" "	Wayne Poultry Fattener
" "	‡Arab Horse Feed
" "	June Pasture
" "	Wayne 40% Hog Supplement
" "	Wayne Pig Meal
" "	Wayne Turkey Mash

‡ Not Licensed at time of Sale.
* Means Deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Pocomoke City	9.34	14.50	16.41	4.00	3.68	10.00	10.35	7.16	53.06	As declared on sack
Walkersville	8.44	32.00	34.39	4.00	4.00	9.00	6.95	6.59	49.04	As declared on sack
Frederick	9.32	32.00	33.00	4.00	4.56	9.00	7.08	8.23	37.81	" "
Walkersville	8.45	24.00	24.97	4.00	4.00	9.00	6.95	6.59	49.04	" "
Easton	9.09	24.00	25.86	3.50	4.41	9.00	7.62	7.33	45.69	" "
Frederick	8.77	24.00	23.73	3.50	4.55	9.00	6.88	6.83	49.24	" "
Easton	9.51	20.00	22.07	3.50	4.16	9.00	7.67	7.17	49.42	A.
Brunswick	9.23	20.00	20.80	4.00	5.46	7.50	5.72	7.86	50.93	E.
Grantsville	9.02	24.00	24.80	3.50	5.14	12.00	8.43	8.29	44.32	As declared on sack
Accident	8.62	24.00	24.64	4.00	4.91	10.00	7.83	8.92	45.08	" "
Accident	11.83	16.00	16.39	3.50	3.52	12.00	10.43	6.99	50.84	" "
Accident	7.64	18.00	18.08	5.00	5.41	8.00	6.39	7.92	54.56	" "
Derwood	10.64	17.00	14.90	1.50	2.33	23.00	26.98	7.52	37.63	B.
Derwood	10.79	20.00	15.05	2.50	2.34	18.00	26.99	8.02	36.81	C.
Mt. Lake Park	6.74	20.00	20.36	2.50	2.27	18.00	14.68	19.71	36.24	D
Grantsville	11.07	6.00	7.63	2.00	4.09	12.00	14.59	6.39	56.23	As declared on sack
Accident	9.26	14.00	15.51	3.50	5.14	5.00	5.29	6.99	57.81	F.
Preston	7.79	20.00	20.62	2.00	2.66	18.00	18.24	11.72	38.97	" "
Rising Sun	9.07	20.00	20.01	2.00	2.16	18.00	19.51	8.64	40.61	" "
Elkton	7.56	50.00	60.81	6.00	5.71	3.00	.95	21.00	3.97	As declared on sack
Elkton	9.38	24.00	25.97	4.50	5.53	9.50	8.23	6.39	44.50	" "
Elkton	8.85	16.00	17.90	3.00	3.70	14.00	11.69	5.78	52.08	" "
Elkton	8.64	20.00	22.03	4.50	5.82	9.00	6.74	10.26	46.51	" "
Elkton	9.13	17.00	17.55	3.50	5.22	6.00	4.54	7.40	56.16	" "
Medford	10.36	14.50	17.46	4.00	5.10	9.50	8.60	5.80	52.68	G.
Parkton	7.76	14.50	17.81	4.00	4.04	9.50	10.31	7.30	52.78	" "
Baltimore	8.76	14.50	17.38	4.00	4.33	9.50	10.23	6.79	52.51	" "
Myersville	8.16	32.00	32.34	4.00	4.01	9.00	6.91	9.68	38.90	" "
Forest Hill	10.51	32.00	33.42	4.00	4.03	9.00	7.10	9.28	35.66	" "
Cumberland	9.22	24.00	24.48	3.50	4.37	9.00	8.47	8.60	44.86	" "
White Hall	7.20	24.00	25.34	3.50	4.18	9.00	8.92	7.90	46.46	" "
Forest Hill	10.07	20.00	21.98	3.00	5.50	12.00	10.75	7.14	44.56	" "
Maugansville	11.00	16.00	18.95	3.00	3.73	12.00	8.72	10.44	47.16	" "
Derwood	5.92	20.00	23.69	4.50	4.88	18.00	16.63	3.84	45.04	" "
Cumberland	9.60	16.50	17.02	4.00	5.53	7.00	6.23	6.78	54.84	" "
Oakland	9.12	18.00	20.01	3.50	5.08	7.00	6.26	8.60	50.93	" "
Reisterstown	7.70	32.00	33.61	4.00	3.84	8.00	7.12	16.57	31.16	" "
Frederick	8.75	18.00	21.67	4.00	6.05	7.00	7.05	10.64	45.84	" "
Maugansville	9.75	16.00	17.11	4.00	4.60	6.00	5.07	8.68	54.79	" "
Cumberland	10.16	18.00	17.99	3.50	5.09	8.00	6.69	8.95	51.12	" "
Oakland	9.35	13.50	15.53	4.00	5.61	7.00	7.31	3.47	58.73	" "
Myersville	11.37	10.00	12.39	2.00	2.70	14.00	8.75	5.31	59.48	H.
White Hall	11.34	10.00	14.10	.50	1.12	21.00	16.15	9.54	47.75	" "
Maugansville	8.69	40.00	41.97	4.50	6.19	8.00	6.27	11.75	25.13	" "
Maugansville	9.83	18.00	18.65	3.50	5.42	7.00	4.20	6.23	55.67	" "
Chestertown	10.05	15.00	15.09	3.50	5.80	8.00	8.32	8.68	52.06	" "

A—Also detected Linseed Oil Meal.
B—Alfalfa Product—No excessive Sand.
C—Alfalfa Product—No excessive Sand.
D—Product contains approximately 10% Acid Insoluble Ash.
E—Unable to detect Wheat Bran.
F—Also detected Ground Oats.
G—Contains approximately 2% Screenings.
H—Fibre guarantee on sack differs from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Allied Mills Inc., Chicago, Ill. (Cont.)	Wayne Turkey Mash
" "	Wayne Turkey Mash, with Cod Liver Oil and Sardine Oil
American Maize-Products Co., New York, N.Y.	Amaizo Gluten Meal
American Medical Spirits Corp., Balto., Md.	Distillers Dried Grains
Anchor Mills, Hagerstown, Md.	Zip Egg Mash
" " "	Zip Egg Mash
Anderson Grain & Feed Co., Inc., York, Pa.	‡32% Dairy Mixing Ration
" " " "	16 Dairy Feed
" " " "	Laying Mash, with DBM. & Cod Liver Oil
" " " "	‡White Rose Horse Feed
Angle Roller Mills, Berkley Springs, W. Va.	‡Pure Wheat Bran
" " "	*‡Pure Wheat Middlings
Arcady Farms Milling Co., Chicago, Ill.	Wonder Dairy Ration
" " " "	Peerless Milk Ration
" " " "	Dairy Feed
" " " "	Sweet Sixteen Dairy Feed
" " " "	Besbet Laying Mash
" " " "	Economy Egg Mash
" " " "	Special Horse Feed
" " " "	‡Hog Meal
" " " "	Wonder Hog Feed
" " " "	‡Complete Rabbit Feed
Archer-Daniels-Midland Co., Minneapolis, Minn.	Pure Old Process Soybean Oil Meal
" "	Pure Old Process Soybean Oil Meal
" "	"Midland" Linseed Meal & Flax-seed Screenings Oil Feed
Ashcraft-Wilkinson Co., Atlanta, Ga.	Monarch Brand Prime Cottonseed Meal
" " "	Monarch Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
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" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
" " "	Helmet Brand Prime Cottonseed Meal
Atkinson Milling Co., Minneapolis, Minn.	‡Wheat Standard Middlings, with Screenings, N.Ex.M.R.
" " " "	

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Oakland	9.53	15.00	18.43	3.50	4.77	8.00	7.50	8.14	51.63	As declared on sack
Easton	10.19	15.00	17.38	3.50	6.09	8.00	8.78	8.76	48.80	" "
Baltimore	7.95	40.00	44.75	1.00	.86	4.00	1.87	2.73	41.84	" "
Bel Air	5.19	16.00	15.97	6.00	7.02	23.00	16.96	1.90	52.96	" "
Laurel	8.32	18.00	19.39	4.00	6.45	6.00	6.60	8.03	51.21	" "
Alesia	9.16	18.00	18.78	4.00	5.40	6.00	6.49	8.27	51.90	" "
Denton	8.04	32.00	29.83	4.00	4.66	10.00	9.58	6.99	40.90	B.
Hagerstown	8.79	16.00	16.31	3.50	5.39	12.00	10.11	8.35	51.05	" "
Hagerstown	9.25	20.00	20.62	4.50	5.55	8.00	7.47	8.22	48.89	" "
Hampstead	10.95	7.00	8.15	2.00	2.61	12.00	8.77	4.24	65.28	" "
Hancock	9.64	14.00	15.97	4.00	4.53	10.00	8.50	5.82	55.54	" "
Hancock	10.92	14.00	14.65	4.00	3.23	5.00	2.59	2.30	66.31	" "
Hagerstown	10.00	24.00	24.11	3.50	3.70	10.00	9.86	8.45	43.88	" "
Mt. Airy	8.03	20.00	20.10	3.50	3.73	12.00	10.67	8.34	49.13	" "
Hagerstown	8.85	16.00	18.40	3.50	3.72	12.50	11.69	9.62	47.72	" "
Mt. Airy	8.00	16.00	16.42	4.00	4.35	12.50	12.78	8.73	49.72	A.
Hagerstown	8.66	20.00	20.45	4.00	4.85	7.00	6.44	13.70	45.90	" "
Mt. Airy	8.57	18.00	17.72	4.50	4.76	8.00	8.20	9.64	51.11	" "
Clinton	11.75	8.00	9.80	2.00	3.33	12.00	8.75	3.97	62.40	" "
Salisbury	10.44	15.00	17.18	3.50	4.16	7.00	7.17	7.82	53.23	As declared on sack
Mt. Airy	8.19	18.00	18.60	4.50	4.64	7.00	6.84	7.39	54.34	As declared on sack
Baltimore	9.41	12.00	12.32	2.50	2.79	16.00	16.09	6.94	52.45	" "
Ellicott City	9.00	41.00	41.16	4.50	4.49	7.00	6.15	6.21	32.55	" "
Rising Sun	7.29	41.00	43.35	4.50	4.63	7.00	5.44	7.73	31.56	" "
Baltimore	9.29	30.00	30.19	5.00	5.78	10.00	5.61	5.93	43.20	" "
Gaithersburg	7.63	43.00	41.40	6.00	6.91	10.00	9.49	7.57	27.00	" "
Rising Sun	6.90	43.00	42.56	6.00	9.02	10.00	7.58	6.60	27.34	" "
Washington Gı	6.65	41.00	41.07	5.50	6.07	10.00	10.78	6.97	28.46	" "
Frederick	6.98	41.00	41.77	5.50	6.18	10.00	14.13	5.42	25.52	" "
Hagerstown	7.15	41.00	41.07	5.50	6.57	10.00	10.09	7.20	27.92	" "
Ellicott City	7.30	41.00	41.07	5.50	6.20	10.00	14.58	5.42	25.43	" "
Baltimore	6.48	41.00	40.98	5.50	6.48	10.00	14.23	5.64	26.19	" "
Baltimore	7.20	41.00	41.07	5.50	5.88	10.00	14.43	5.39	26.03	" "
Sykesville	7.05	41.00	42.30	5.50	6.07	10.00	12.58	5.53	26.47	" "
Frederick	7.10	41.00	40.89	5.50	5.83	10.00	14.26	5.70	26.22	" "
Maugansville	6.83	41.00	41.07	5.50	6.10	10.00	14.05	5.63	26.32	" "
Cardiff	7.89	41.00	41.68	5.50	6.14	10.00	12.43	5.35	26.51	" "
Baltimore	7.19	41.00	41.07	5.50	6.45	10.00	12.13	5.60	27.58	" "
Baltimore	10.25	15.00	17.64	4.00	4.42	9.50	6.45	4.32	56.92	" "

A—**Fat guarantee on sack differs from licenses.**
B—Unable to detect Soybean Meal & Cocoanut Oil Meal.

MANUFACTURER AND ADDRESS	NAME OF FEED
Baltimore Feed and Grain Co., Balto., Md.	BBL. Fish Meal
" " " " "	BBL. 32% Dairy Feed
" " " " "	*BBL. 24% Dairy Feed
" " " " "	BBL. 24% Dairy Feed
" " " " "	BBL. 20% Dairy Feed, with Molasses and Minerals
" " " " "	BBL. 16½ Dairy Feed
" " " " "	BBL. Cod-Mlk-O-Lay Breeding Mash, DBM., Cod Liver Oil & Mineral Supplement
" " " " "	BBL. Egg Mash
" " " " "	BBL. All Mash Laying Ration, with DBM. and Minerals
" " " " "	BBL. Improved Laying Mash, with DBM. & Mineral Supplement
" " " " "	BBL. Growing Mash, with DBM. & Minerals
" " " " "	BBL. Cod-Mlk-O-Gro, with DBM., Cod Liver Oil & Mineral Supplement
" " " " "	BBL. Broiler Mash
" " " " "	BBL. All Mash Starting & Growing Mash, with DBM., Cod Liver Oil & Minerals
" " " " "	BBL. 40% Horse Feed
" " " " "	BBL. Hog Feed
" " " " "	Pure Corn Meal
" " " " "	*BBL. Special Scratch Feed
" " " " "	BBL. Turkey Mash, with Milk Starter and Grower
Barker, Moore & Mein Co., Phila., Pa.	Barker's Poultry Powder
" " "	Barker's Poultry Powder
Baugh & Sons Co., Balto., Md.	*Oldest Brand Meat & Bone Scrap
" " " " "	45% Meat & Bone Scrap
" " " " "	58% Fish Meal
" " " " "	58% Fish Meal
" " " " "	58% Fish Meal
" " " " "	No. 2 Laying Mash
J. P. Bennett & Sons, Mardela Springs, Md.	Best Growing Mash
Berlin Feed Store, Berlin, Md.	B-F-S. Laying Mash
Berlin Milling Co., Berlin, Md.	Economy Laying Mash
" " "	Economy Growing Mash, with Cod Liver Oil
Geo. W. Biles Co., Inc., Providence, Md.	Cecil County High Protein Dairy Feed
" "	Cecil County Dairy Feed
" "	Cecil County Laying Mash
" "	Cecil County Growing Mash
Bisbee Linseed Co., Philadelphia, Pa.	Pure Old Process Linseed Meal
Black Rock Milling Corp., Buffalo, N. Y.	Bidwell Scratch Feed

* Means Deficient in Protein or Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	7.92	55.00	59.67	6.00	7.30	2.00	.22	15.96	8.93	As declared on sack
Baltimore	8.87	32.00	32.93	4.00	5.28	7.50	6.98	6.28	39.66	" "
Baltimore	9.40	24.00	23.60	5.00	3.74	8.00	8.55	6.72	47.99	" "
Baltimore	8.58	24.00	24.02	5.00	4.69	8.00	7.22	8.07	47.42	" "
Baltimore	8.89	20.00	22.68	5.00	4.82	12.00	7.06	7.20	49.35	A
Baltimore	9.09	16.50	18.98	3.00	4.10	13.00	6.85	7.83	53.15	B.
Baltimore	9.14	20.00	20.88	4.00	4.78	6.50	6.65	8.76	49.79	C.
Baltimore	9.12	20.00	21.50	4.50	4.42	7.00	9.23	7.46	48.27	C.
Baltimore	12.35	15.00	17.72	4.00	4.78	4.50	5.56	6.48	53.11	As declared on sack
Baltimore	11.59	20.00	20.80	4.00	4.99	6.50	6.46	9.03	47.13	" "
Baltimore	10.04	18.00	20.45	4.50	5.40	6.50	6.62	8.03	49.46	" "
Baltimore	7.24	18.00	19.57	4.50	5.61	6.50	5.16	8.56	53.86	" "
Baltimore	9.02	17.00	18.78	4.50	5.42	5.50	5.82	9.47	51.49	" "
Baltimore	12.90	14.00	15.45	3.50	5.01	3.50	4.04	7.26	55.34	" "
Baltimore	8.76	7.00	9.25	2.50	2.73	13.00	6.09	5.03	68.14	" "
Baltimore	8.23	18.00	18.43	4.50	5.12	8.00	8.17	7.50	52.55	D.
Baltimore	10.59	9.00	9.21	4.00	4.10	2.00	1.83	1.40	72.87	As declared on sack
Baltimore	10.32	15.00	20.44	3.50	2.28	2.50	1.98	1.96	73.37	" "
Baltimore	7.72	21.00	21.59	5.00	5.53	7.00	9.10	14.15	41.91	" "
Detour	6.87	15.00	20.44	3.50	5.79	16.00	9.64	22.10	35.16	As declared on sack
Mardela Spr'gs	7.55	15.00	21.67	3.50	3.92	16.00	9.32	21.36	36.18	" "
Chestertown	6.50	50.00	48.61	6.00	10.34	3.00	1.48	30.32	2.75	As declared on sack
Salisbury	5.87	45.00	46.25	6.00	12.19	3.00	1.66	32.20	1.83	" "
Chestertown	7.20	58.00	61.95	5.00	6.67	3.00	.54	18.38	5.26	" "
Baltimore	5.70	58.00	58.27	5.00	13.42	3.00	.54	18.75	3.32	" "
Frederick	8.58	58.00	60.99	5.00	8.09	3.00	.91	19.50	1.93	" "
Salisbury	9.24	20.00	20.62	4.00	4.87	6.00	6.43	7.79	51.05	E.
Mardela Spr'gs	10.12	16.00	17.90	4.00	4.73	8.00	5.74	7.06	54.45	" "
Berlin	8.20	20.00	20.54	4.00	6.36	6.00	5.56	12.02	47.33	" "
Salisbury	8.71	19.00	19.83	5.00	5.27	6.50	7.74	10.03	48.42	" "
Salisbury	9.06	15.00	16.50	4.50	4.79	5.00	6.72	8.18	54.75	" "
Providence	8.03	32.00	32.29	5.00	4.66	9.00	8.79	10.10	36.13	F.
Providence	8.95	24.00	23.96	4.00	4.21	9.00	8.30	6.68	47.90	G.
Providence	10.24	20.00	21.94	4.00	4.95	8.00	6.00	9.10	47.77	As declared on sack
Providence	9.88	16.00	18.43	4.00	5.50	8.00	5.44	8.56	52.19	As declared on sack
Westminster	9.29	34.00	34.75	5.00	5.60	10.00	7.80	6.38	36.18	As declared on sack
Princess Anne	10.71	10.00	10.53	1.50	2.91	5.00	2.40	2.43	71.02	" "

A—Also detecttd Beet Pulp.
B—Also detected Unground Corn Screenings.
C—Detected Alfalfa Meal & not Alfalfa Leaf Meal as declared.
D—Also detected Ground Oats.
E—Also detected Charcoal.
F—Also detected added Minerals—unable to detect Soy Bean Oil Meal.
G—Ingredients on sack differ from license. Also detected Soy Bean Oil Meal & Ground Barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
Blaine, Mackay, Lee Co., North East, Pa.	‡Pure Wheat Bran, with M.R.S.
Blank & Gottshall Co., Inc., Sunbury, Pa.	Laying Mash, with BM
" " "	Banner Scratch Feed
Blish Milling Co., Seymour, Ind.	Woodstock Bran
Bowman Bros., Gaithersburg, Md.	Gilt Edge 26% Dairy Feed
" " "	Gilt Edge Laying Mash
" " "	‡Gilt Edge Grower
" " "	Pure Wheat Bran
" " "	Wheat Middlings, with M.R.S.
Bridgeville Flour & Feed Co., Bridgeville, Del.	‡Delaware 20% Dairy Feed
" " "	‡Delaware Laying Mash
" " "	‡Delaware Growing Mash
" " "	‡Wheat Bran (Pure)
" " "	‡Wheat Middlings (Pure)
F. W. Brode' Corp., Memphis, Tenn.	‡Owl Brand 41% Prime Cotton Seed Meal
P. M. Brooks, Chestertown, Md.	Rose Bud Egg Mash
" "	Rose Bud Starter & Grower
" "	Rose Bud Turkey Poult Mash
Herbert Bryant's Son, Alexandria, Va.	†Meat Scrap for Poultry
" " "	†Meat Scrap for Poultry
" " "	Pure Ground Fish for Poultry
" " "	Home 32% Dairy Feed
" " "	Home 26% Dairy Feed
" " "	Home 20% Dairy Feed
" " "	Home Summer Laying Mash
" " "	Home Laying Mash
" " "	Home Growing Mash
Cambridge Mfg. Co., Cambridge, Md.	New-Vim Molasses Dairy Feed
" " "	New-Vim Molasses Dairy Feed
" " "	New-Vim Molasses Dairy Feed
" " "	New-Vim Molasses Dairy Feed
" " "	New-Vim Special Laying Mash
" " "	New-Vim Special Growing Mash
" " "	Super Chick Starter
" " "	New-Vim Turkey Growing
" " "	New-Vim Turkey Starter
Carter & Yates Milling Co., Church Hill, Md.	Red Star Laying Mash
" " "	Red Star Chick Starter & Grower
Cecil County Milling Co., Rising Sun, Md.	Rising Sun Brand 16% Dairy Feed
" " " "	Rising Sun Brand Laying Mash with DBM
" " " "	Rising Sun Brand All-Mash Grower
" " " "	*Rising Sun Brand Scratch Feed

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Frederick	9.92	15.00	15.88	4.00	5.60	9.00	8.84	6.05	53.71	As declared on sack
Frederick	9.14	18.00	19.48	5.00	5.24	6.50	7.10	8.83	50.21	A.
Frederick	10.88	10.00	9.83	3.50	3.29	4.50	2.39	1.38	72.23	B.
Cambridge	10.93	15.00	17.64	4.20	4.43	9.00	8.51	6.44	52.05	C.
Gaithersburg	8.52	26.00	26.24	5.00	5.23	9.00	8.40	5.83	45.78	D.
Gaithersburg	8.68	20.00	19.39	5.00	5.63	6.00	6.50	11.36	48.44	As declared on sack E.
Gaithersburg	7.83	17.00	17.02	4.00	6.11	6.00	5.25	8.00	55.79	" "
Gaithersburg	8.87	13.50	14.65	3.20	3.66	9.27	9.96	6.52	56.34	" "
Gaithersburg	9.66	14.00	16.76	4.00	3.98	10.00	5.14	4.33	60.13	" "
Federalsburg	9.84	20.00	21.03	4.50	5.98	12.00	10.11	8.87	44.17	F.
Princess Anne	9.84	20.00	20.01	4.50	4.76	6.00	4.33	13.87	47.19	As declared on sack
Princess Anne	9.86	17.00	18.25	4.50	6.09	6.50	5.30	11.84	48.66	" "
Princess Anne	10.35	13.00	14.39	3.50	3.93	10.00	8.81	5.67	56.85	" "
Princess Anne	10.76	14.00	15.36	3.50	4.33	6.00	4.25	3.28	62.02	" "
Barnesville	7.58	41.00	40.37	5.00	6.95	10.00	10.59	7.91	26.60	" "
Chestertown	9.04	19.00	19.04	4.50	5.92	7.00	6.84	12.74	46.42	" "
Chestertown	8.79	16.00	18.69	4.50	5.30	7.00	6.31	10.01	50.90	" "
Chestertown	7.87	20.00	20.45	4.50	5.49	9.00	6.20	11.95	48.04	" "
Gaithersburg	6.10	50.00	46.39	10.00	8.04	2.00	2.40	34.31	2.76	G.
Wash. Grove	5.13	50.00	46.83	10.00	7.08	2.00	2.21	36.42	2.33	G.
Wash. Grove	7.16	58.00	58.18	7.00	8.35	1.00	.72	21.84	3.75	As declared on sack
Wash. Grove	7.12	32.00	34.84	4.00	5.51	10.00	8.07	7.74	36.72	" "
Wash. Grove	7.78	26.00	29.40	4.00	4.50	11.00	8.69	6.85	42.78	" "
Wash. Grove	8.45	20.00	21.94	3.50	4.46	11.00	8.35	4.42	52.38	" "
Bethesda	9.20	16.00	15.97	4.00	4.96	6.00	6.01	7.58	56.28	" "
Wash. Grove	8.27	19.00	20.27	5.00	5.11	7.00	5.98	10.30	50.07	" "
Wash. Grove	8.92	16.00	16.67	4.00	4.66	7.00	5.95	8.58	55.22	" "
Cambridge	9.62	32.00	32.24	4.50	5.20	9.00	8.15	8.01	36.78	" "
Cambridge	10.67	24.00	24.25	4.00	4.39	9.50	9.80	7.72	43.17	As declared on sack
Cambridge	9.99	20.00	21.25	4.00	4.01	10.00	9.72	7.72	47.31	" "
Cambridge	10.42	16.00	16.95	3.00	3.67	12.00	10.68	6.92	51.36	A.
Cambridge	8.93	20.00	21.06	5.00	5.70	7.00	5.36	12.13	46.82	As declared on sack
Cambridge	8.52	16.00	17.29	4.00	5.45	6.00	5.73	8.16	54.85	" "
Cambridge	9.75	14.00	16.67	4.00	5.09	5.50	4.16	7.72	56.61	" "
Cambridge	9.88	25.00	25.80	4.00	5.19	5.00	4.20	12.22	42.71	" "
Cambridge	10.79	20.00	20.18	4.00	3.61	5.00	3.73	9.58	52.11	" "
Centreville	9.61	20.00	21.50	5.00	4.57	8.00	7.60	7.91	48.81	" "
Centreville	9.78	16.00	15.80	4.00	5.04	5.00	4.85	5.07	59.46	" "
Rising Sun	10.62	16.00	18.95	3.50	3.93	12.00	8.93	8.51	49.06	As declared on sack
Rising Sun	8.74	20.00	21.94	4.50	4.58	5.00	5.12	9.83	49.79	As declared on sack
Havre de Grace	8.84	16.00	16.94	4.00	5.05	6.00	4.45	9.56	55.16	" "
Havre de Grace	11.42	10.00	10.62	3.50	2.54	5.00	2.59	2.32	70.51	As declared on sack

A—Ingredients on sack differ from license.
B—Unable to detect Milo Maize.
C—Mechanical Separation 2.30% Screenings.
D—Also detected Ground Barley.
E—Protein & Fibre guarantee on sack differ from license.
F—Also detected Ground Soybean, Corn Gluteen & Wheat Screenings—unable to detect Linseed Oil Meal.
G—Should be designated as Meat & Bone Scrap.

MANUFACTURER AND ADDRESS	NAME OF FEED
Central Chemical Co., Inc., Baltimore, Md.	"Gro-All" Meat Scraps 55%
" " "	"Gro-All" Meat Scraps 55%
" " "	"Gro-All" Meat Scraps 55%
" " "	"Gro-All" Meat & Bone Scraps 50%
" " "	"Gro-All" Meat & Bone Scraps 50%
" " "	*"Gro-All" Meat & Bone Scraps 50%
" " "	"Gro-All" Meat & Bone Scraps 50%
" " "	"Gro-All" Meat & Bone Scraps 45%
" " "	"Gro-All" Meat & Bone Scraps 45%
" " "	*‡"Gro-All" Steamed Bone Meal
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Fish Meal 55%
" " "	"Gro-All" Digester Tankage 60%
Central Purchasing Bureau, Baltimore, Md.	32% Protein Dairy Feed
" " "	20% Protein Dairy Feed
" " "	18% Protein Laying Mash
" " "	18% Protein Laying Mash
Chapin & Co., Hammond, Ind.	Unicorn Dairy Ration 24%
" "	Unicorn Dairy Ration 24%
" "	Unicorn Complete Rabbit Cookies
John C. Cheatham & Co., Calvert, Md.	Peanut Skins
Chestnut Farms Dairy, Washington, D.C.	Skim Milk Powder
Chewsville Cooperative Asso., Chewsville, Md.	Thrivont Milk Maker
" " "	Thrivont Laying Mash, with BM & Cod Liver Oi
" " "	Thrivone Growing Feed
" " "	Thrivont Stock Feed
" " "	Thrivont Pig & Hog Meal
Harry Clipp, Sharpsburg, Md.	Egg Mash
Cohn & Bock Co., Princess Anne, Md.	Laying Mash, with 4% Dried Milk
" " "	Growing Mash, with 4% Dried Milk
Collis Products Co., St. Paul, Minn.	Collis Process Dried Buttermilk
Commander-Larabee, Corp., Minneapolis, Minn.	‡Sunfed Winter Wheat Gray Shorts, with Ground Wheat Screen
" " " "	
Commercial Milling Co., Detroit, Mich.	Extra Fancy Comco Wheat Middlings, with Grounud Grain Screen
" " "	

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Pocomoke City	7.22	55.00	55.46	8.00	11.27	2.00	1.27	24.67	.11	As declared on sack
Westminster	5.60	55.00	54.41	8.00	12.32	2.00	1.83	24.24	1.60	" "
Baltimore	6.07	55.00	54.67	8.00	9.55	2.00	1.65	26.44	1.62	" "
Frederick	6.39	50.00	50.02	8.00	9.63	2.00	1.59	31.30	1.07	" "
Baltimore	5.83	50.00	49.93	8.00	11.08	2.00	1.91	30.02	1.23	" "
Lineboro	6.93	50.00	48.53	8.00	8.66	2.00	2.29	30.80	2.79	" "
Mt. Airy	5.96	50.00	51.69	8.00	11.16	2.00	1.92	27.76	1.51	" "
Hagerstown	7.62	45.00	46.25	8.00	9.20	2.00	2.30	31.28	3.35	" "
Federalsburg	5.97	45.00	45.81	8.00	9.26	2.00	2.14	33.17	3.65	" "
Baltimore	2.68	5.00	6.14	2.00	.69	2.00	1.12	87.88	1.49	" "
Centreville	5.44	55.00	55.02	6.00	11.00	1.00	.72	22.68	5.14	" "
Salisbury	5.71	55.00	56.25	6.00	12.97	1.00	.38	18.54	6.15	" "
Owings Mills	7.30	55.00	58.36	6.00	7.09	1.00	1.62	21.30	4.33	" "
Frederick	6.45	55.00	55.34	6.00	11.71	1.00	.74	20.23	5.53	" "
Baltimore	6.51	55.00	58.01	6.00	7.40	1.00	.53	21.96	5.59	" "
Detour	6.47	55.00	60.11	6.00	6.50	1.00	.81	23.20	2.91	" "
Owings Mills	6.82	55.00	57.22	6.00	7.71	1.00	1.03	20.15	7.07	" "
Sykesville	6.48	55.00	58.80	6.00	6.67	1.00	.60	21.90	5.55	" "
Linwood	7.07	60.00	60.81	8.00	7.88	2.00	2.32	20.70	1.22	" "
Hagerstown	5.50	32.00	31.92	5.00	4.85	0.00	7.84	7.35	42.54	As declared on sack
Loch Raven	8.42	20.00	21.70	4.00	4.37	11.00	6.31	7.63	51.57	" "
Hagerstown	5.61	18.00	20.01	4.50	6.17	6.00	4.33	10.56	53.32	" "
Loch Raven	9.74	18.00	19.66	4.50	6.36	6.00	5.52	10.08	48.64	" "
Baltimore	8.85	24.00	25.34	4.50	4.48	10.00	7.94	12.00	41.39	" "
Cumberland	8.01	24.00	25.43	4.50	4.58	10.00	8.10	9.40	44.48	" "
Cumberland	8.26	15.00	18.95	3.00	4.85	18.00	12.40	7.66	47.88	" "
Calvert	7.69	15.00	15.09	18.00	17.65	7.00	13.68	2.60	43.29	" "
Derwood	.....	32.00	36.15	.75	§1.24	.....	.....	8.43	.....	" "
Chewsville	8.45	23.00	26.32	5.00	5.13	7.00	9.71	9.15	41.24	A.
Chewsville	9.40	19.00	19.48	5.00	4.97	8.00	4.73	10.67	50.75	As declared on sack
Chewsville	9.99	16.00	17.64	4.00	4.59	6.00	5.15	8.40	54.23	" "
Chewsville	9.84	10.00	13.36	3.00	4.06	8.00	8.69	8.30	55.75	B.
Chewsville	10.20	15.00	18.43	5.00	4.60	8.00	4.10	7.80	54.87	As declared on sack
Sharpsburg	9.71	20.00	21.94	4.50	4.34	6.00	5.89	6.99	51.13	" "
Princess Anne	9.81	20.00	20.62	4.50	4.28	6.00	5.90	8.60	50.79	" "
Princess Anne	9.53	16.00	17.90	4.50	4.28	6.00	5.61	8.46	54.22	" "
Hampstead	.....	30.00	32.56	5.00	§6.66	.....	.....	10.82	.....	As declared on sack
Hagerstown	10.33	16.00	18.43	3.50	4.86	6.00	5.94	5.32	55.12	" "
Westminster	11.04	15.00	15.71	3.50	4.15	7.00	5.15	3.47	60.48	" "

A—Ingredients on sack differ from license.
B—Fibre guarantee on sack differs from license. Also detected Mineral Mixture.
§ Fat as determined by the Roese-Gottlitb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
G. E. Conkey Co., Cleveland, Ohio	Red Seal Laying Mash
" " "	Gecco Egg Mash, with Y-O
" " "	Geccofat Station Fattener, with BM
" " "	Pig & Hog Meal, with Y-O
Consolidated By-Products Co., Phila., Pa.	Fish Meal
Consumers Import Co., Inc., New York, N.Y.	Cico Fish Meal
" " " "	‡Cico Fish Meal
" " " "	‡Cico Standard Brand Poultry Alfalfa Meal
Continental Feed Co., Inc., Baltimore, Md.	55% Fish Meal
" " "	*60% Digester Tankage
Contin'l Milling & Feed Co., Ellicott City, Md.	Maryland Maide Dairy Feed 24%
" " " "	Polka Dot Dairy Feed 24%
" " " "	Patapsco Dairy Feed 16%
" " " "	Brewers Grains
" " " "	Brewers Grains
" " " "	Polka Dot Laying Mash
" " " "	Polka Dot Growing Mash
" " " "	Polka Dot All Mash Starter & Grower
" " " "	Polka Dot Poultry Fatner
" " " "	Polka Dot Horse Feed 90%
" " " "	Polka Dot Horse Feed 90%
" " " "	‡Red Flour Flour
" " " "	Pre-ferd Pigeon Feed
Corn Products Refining Co., New York, N.Y.	Diamond Corn Gluten Meal
" " " "	Bufalo Corn Gluten Feed
Damascus Milling Co., Damascus, Md.	Kings Special Hog Feed
" " "	*Wheat Bran
" " "	Wheat Middlings
Denver Alfalfa Mill'g & Prod. Co., Lamar, Col.	Alfalfa Meal
Derwood Mill, Derwood, Md.	Dairy Feed 26%
" "	Dairy Feed 20%
" "	Dairy Feed 16%
" "	Laying Mash
" "	Growing Mash
" "	*Pure Corn Meal
" "	*Pure Wheat Bran
" "	*Pure Wheat Middlings
" "	Turkey Mash
Devilbiss Bros., New Windsor, Md.	A. No. 1 Laying Mash
Dewey Bros. Co., Blanchester, Ohio	‡Brewers Dried Grains

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hagerstown	8.77	20.00	20.36	4.00	5.66	6.00	4.87	8.74	51.60	As declared on sack
Hagerstown	8.95	20.00	21.41	5.00	6.58	7.00	5.04	9.73	48.29	" "
Hagerstown	9.18	14.50	15.88	4.50	5.14	5.00	4.94	4.23	60.63	" "
Hagerstown	8.52	18.00	17.98	4.00	5.28	6.00	5.03	6.90	56.29	A.
Berlin	6.73	55.00	59.14	8.00	7.76	2.00	1.47	21.24	3.66	As declared on sack
Princess Anne	8.30	55.00	58.27	1.00	5.12	1.00	.69	16.84	10.78	" "
Pocomoke City	7.73	55.00	59.06	1.00	5.68	1.00	.48	16.29	10.76	" "
Snow Hill	6.49	16.00	15.97	2.00	1.82	25.00	27.23	10.34	38.15	" "
Frederick	6.68	55.00	60.29	5.00	6.30	2.00	1.13	19.88	5.72	" "
Gapland	6.28	60.00	48.58	8.00	12.72	5.00	2.89	25.93	3.60	" "
Ellicott City	7.81	24.00	26.71	4.50	4.39	9.00	8.91	9.34	42.84	As declared on sack
Ellicott City	8.42	24.00	23.96	5.00	5.02	10.00	9.11	8.37	45.12	" "
Ellicott City	8.25	16.00	17.00	4.00	4.32	12.50	12.89	10.92	46.62	" "
Chestertown	7.16	20.00	25.97	5.00	5.84	14.00	15.00	3.40	42.63	" "
Mt. Airy	6.42	20.00	27.47	5.00	5.69	14.00	14.88	3.74	41.80	" "
Baltimore	9.55	20.00	21.06	5.00	4.94	6.00	6.13	10.46	48.86	" "
Ellicott City	9.68	16.00	17.02	5.00	4.98	7.00	5.79	9.03	53.50	" "
Ellicott City	8.61	16.00	17.11	5.00	5.34	5.00	5.57	8.87	54.50	" "
Ellicott City	8.94	12.00	14.74	4.00	5.59	7.00	5.78	4.91	60.04	" "
Ellicott City	10.06	8.00	10.13	2.00	3.21	14.00	5.67	5.31	65.62	C.
Baltimore	9.57	8.00	9.33	2.00	2.99	14.00	7.46	3.67	66.98	As declared on sack
Baltimore	10.70	16.00	15.27	4.00	3.99	3.00	3.06	3.08	63.90	" "
Baltimore	10.18	10.00	14.39	3.00	3.43	5.00	3.57	1.96	66.47	" "
Detour	8.94	43.00	44.84	1.00	1.34	4.00	2.65	3.08	39.15	" "
Gaithersburg	10.12	25.00	26.85	2.00	2.09	8.50	6.74	6.16	48.04	" "
Damascus	7.99	17.00	18.08	4.50	4.97	9.00	9.96	7.96	51.04	B.
Damascus	8.88	14.00	15.45	4.50	3.48	9.00	9.63	5.84	56.72	As declared on sack
Damascus	9.96	15.00	17.11	4.50	4.83	8.00	5.90	4.44	57.76	" "
Fullerton	7.26	13.00	14.92	1.00	1.98	33.00	26.06	9.25	40.53	" "
Derwood	9.34	26.00	26.06	4.00	5.25	9.00	8.15	7.87	43.33	D.
Derwood	8.98	20.00	20.97	4.00	4.62	9.00	10.45	6.86	48.12	As declared on sack
Derwood	9.39	16.00	16.40	4.00	5.42	10.00	9.99	6.32	52.48	" "
Derwood	9.42	20.00	21.24	4.00	5.14	7.00	6.73	10.98	46.49	" "
Derwood	9.07	19.00	19.83	4.00	5.13	6.00	5.95	12.16	47.86	" "
Derwood	11.17	10.00	9.48	5.00	3.90	2.00	2.14	1.40	71.91	" "
Derwood	9.47	14.00	15.09	4.00	3.05	9.00	7.69	5.46	59.24	" "
Derwood	9.70	15.00	14.74	4.00	2.99	5.00	3.48	2.70	66.39	" "
Derwood	8.76	21.00	21.67	4.00	6.25	6.00	7.99	12.38	42.95	E.
New Windsor	10.26	20.00	20.01	4.00	4.20	8.00	7.73	7.32	50.48	As declared on sack
Rising Sun	6.05	22.00	27.47	6.00	6.40	18.00	16.54	3.70	39.84	" "

A—Also detected Corn Gluten Meal.
B—Also detected Ground Corn.
C—Also detected Alfalfa Meal.
D—Also detected Ground Corn.
E—Detected Ground Oats instead of Oat Meal—also detected Ground Barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
Albert Dickinson Co., Chicago, Ill.	*Globe Milk-Producer 24%
" "	*Globe Milk-Producer 20%
" "	Egg-Producer
" "	‡Globe Utility Feed, with Corn
" "	‡Globe Calf Meal A Milk Substitute
" "	Globe Horse Feed, without Alfalfa Meal
" "	Globe Horse Feed, without Alfalfa Meal
" "	‡No. 1 Special Pigeon Feed, with Flint Corn
" "	‡Pigeon Glob-ets
" "	‡Globe Rabbit Glob-ets
" "	Globe Rabbit Glob-ets
" "	‡Globe Rabbit Feed, with Alfalfa
Dietrich & Gamble, Inc., Frederick, Md.	Gambrill's High Protein Dairy Feed
" " "	Frederick Dairy Feed
" " "	*Dairy Feed
" " "	Pen Mar Dairy Feed
" " "	Gambrill's 16% Dairy Feed
" " "	Frederick Laying Mash
" " "	Gambrill's Laying Mash
" " "	Gambrill's Growing Mash
" " "	Frederick Horse Feed
" " "	Frederick Stock Feed
" " "	C & O Feed
" " "	Gambrill's Hog Meal
" " "	Calf Meal
" " "	Canton Scratch Feed
" " "	Gambrill's Developing Scratch
" " "	Turkey Mash
Donahue Stratton Co., Milwaukee, Wis.	Higuality Brewers Dried Grains
Dreyer Commission Co., Kansis City, Mo.	Standard S. Middlings, with Ground Screenings N. Ex. M. R.
" " "	
Dryden Milling Co., Pocomoke City, Md.	Laying Mash
" "	All Mash
Duluth-Superior Milling Co., Minn., Minn.	Wheat Flour Middlings, with Ground Screenings N. Ex. M. R.
" " "	‡Duluth Imperial Wheat Bran, Ground Screenings N. Ex. M. R.
" " "	‡Wheat Flour Middlings, with Ground Screenings N. Ex. M. R.
" " "	‡Durum Wheat Bran, with Ground Screenings N. Ex. M. R.
" " "	
" " "	
Duluth Universal Milling Co., Duluth, Minn.	‡Wheat Bran, with Ground Screenings N. Ex. M. R.
" " "	
Ezl. Dunwoody Co., Philadelphia, Pa.	‡Super X Menhaden Fish Meal
" "	‡Super X Wheat Flour Middlings

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Fullerton	9.42	24.00	25.05	4.30	2.84	10.00	7.96	9.11	45.62	As declared on sack
Fullerton	9.51	20.00	23.62	4.00	2.69	10.00	7.48	9.34	47.36	" "
Fullerton	9.06	18.00	19.39	3.50	4.72	7.00	5.31	10.54	50.98	" "
Fullerton	10.24	14.00	14.13	3.50	3.15	4.00	2.86	2.03	67.59	C.
Fullerton	8.78	24.00	24.83	4.00	4.93	4.00	4.45	9.04	47.97	As declared on sack
Fullerton	7.72	10.00	10.00	3.50	3.39	8.00	6.43	4.00	68.46	" "
Fullerton	8.01	10.00	10.74	3.50	3.92	8.00	6.47	4.04	66.82	" "
Fullerton	10.45	12.00	13.42	2.50	2.82	3.00	3.05	2.20	68.06	" "
Fullerton	9.57	15.00	17.20	3.00	3.72	4.00	2.97	5.10	61.44	" "
Fullerton	8.68	12.00	15.88	4.00	3.98	5.50	6.21	7.14	58.11	" "
Fullerton	8.78	12.00	15.80	4.00	4.38	5.50	6.13	7.25	57.66	" "
Fullerton	8.83	11.00	13.34	2.50	2.81	14.00	10.94	8.47	55.61	" "
Boyds	9.22	32.00	33.05	5.00	4.96	9.00	8.41	7.51	36.85	" "
Laurel	8.09	24.00	24.31	4.00	4.13	12.00	11.96	6.20	45.31	" "
Sparks	7.69	20.00	21.09	4.00	4.25	12.00	12.02	8.82	46.13	" "
Sykesville	7.29	20.00	23.42	4.00	4.84	9.00	9.11	5.95	49.39	" "
Rowlandsville	7.06	16.00	21.20	3.50	4.31	12.00	11.23	9.47	46.73	" "
Baltimore	8.76	18.00	20.18	3.50	6.41	8.00	6.23	6.53	51.85	" "
Sparks	9.18	20.00	21.76	5.00	5.21	7.00	6.36	8.67	48.82	" "
Boyds	9.70	18.00	21.15	4.00	5.64	7.00	4.25	6.40	52.86	" "
Baltimore	9.84	7.00	9.33	2.00	2.72	12.00	10.03	4.24	63.84	" "
Eliccott City	8.25	7.50	9.39	3.00	4.15	12.00	11.70	3.51	63.00	" "
Baltimore	11.00	10.00	11.76	3.00	3.58	10.00	5.77	2.25	65.63	" "
Sykesville	8.17	18.00	21.33	4.00	5.42	8.00	5.89	6.43	52.76	" "
Laurel	8.61	21.00	23.52	4.00	5.09	3.50	5.05	3.52	54.21	" "
Baltimore	10.86	10.00	10.00	2.50	3.30	4.00	2.37	1.42	72.05	A.
Laurel	10.02	10.00	10.35	2.50	4.13	3.00	2.12	1.65	71.73	" "
Sykesville	8.22	20.00	20.88	4.00	6.10	12.00	9.12	9.57	46.11	" "
Frederick	6.03	24.00	24.39	5.00	5.79	19.00	18.15	3.80	41.84	" "
Pocomoke City	11.07	16.00	16.85	4.00	3.74	6.00	5.04	4.37	58.93	" "
Pocomoke City	9.75	18.00	19.83	4.50	4.39	8.00	7.25	6.95	51.83	" "
Pocomoke City	8.08	18.00	19.39	3.75	3.74	5.00	3.57	8.12	57.10	" "
Medford	9.33	15.00	17.02	4.00	5.24	12.00	8.99	4.50	54.92	As declared on sack
Mt. Lake Park	10.15	15.00	17.29	3.75	5.22	13.00	11.26	5.95	50.13	" "
Mt. Lake Park	11.01	15.00	17.55	4.00	5.22	6.00	4.98	3.40	57.84	" "
Baltimore	9.28	15.00	18.43	4.00	5.51	9.50	6.14	4.81	55.83	" "
Baltimore	8.51	16.00	16.94	4.50	5.98	11.00	10.96	7.32	50.29	" "
Salisbury	7.27	55.00	56.16	5.00	7.55	3.00	.79	20.85	7.38	" "
Mardela Spr'gs	10.46	16.00	16.94	4.00	4.46	6.00	4.97	3.74	59.43	" "

A—Also detected Sunflower Seed.
C—Also detected Kaffir Corn.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ezl Dunwoody, Phila., Pa. (Cont.)	‡Pure Dried Skim Milk
Eagle Mills, Pocomoke City, Md.	R.C.D. Laying Mash
" "	R.C.D. Growing Mash
" "	Hog Meal
" "	Turkey Trot Starter & Grower
Early & Daniel Co., Cincinnati, Ohio	Tuxedo Dairy Feed 24%
" "	Tuxedo Dairy 16%
" "	Cincy Egg Mash
" "	Cincy Growing & Developing Mash
" "	Tuxedo Poultry Fattener
" "	Tuxedo Developer
" "	Tuxedo Bulky Feed
" "	Tuxedo Chop
" "	Tuxedo Pig Meal
" "	Cincy Chop
" "	‡Corn Feed Meal
" "	Cincy Scratch
" "	‡Tuxedo Sheep Feed
East Coast Trading Co., Baltimore, Md.	Oberco 50% Meat & Bone Scrap
" " "	*Oberco 50% Meat & Bone Scrap
" " "	Oberco 50% Meat & Bone Scrap
" " "	Oberco 50% Meat & Bone Scrap
" " "	*Oberco 50% Meat & Bone Scrap
" " "	*Oberco 50% Meat & Bone Scrap
" " "	Fish Meal
Eastern Grain Growers, Hagerstown, Md.	*‡Atlantic States Dairy Ration
" " "	Farmers Special Sweet Dairy Ration
" " "	Atlantic States Egg Mash
" " "	Farmers Special Horse & Mule Feed
" " "	*Atlantic States Hog Feed
" " "	Atlantic States Bran Made from cleaned Wheat
" " "	Atlantic States Bran
" " "	‡Atlantic States Bran, with M.R.S.
" " "	Atlantic States Bran made from cleaned Wheat
" " "	Atlantic States Bran, made from cleaned Wheat
" " "	Atlantic States Fancy Flour Middlings
Eastern States Farmers' Ex. Springfield, Mass.	Producer Mash
" " "	‡Succulence Open Formula
Eastern Service Corp., Cambridge, Md.	Esco Growing Mash
" " "	Esco Starting & Growing Mash
Easton Milling Co., Easton, Md.	Talbot Dairy Supplement
" " "	Talbot Dairy Feed
" " "	Talbot Laying Mash
" " "	Pasture Feed
" " "	Talbot All Mash Sarting & Growing, with BM

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Denton	.....	30.00	32.99	.....	.....	.....	.....	9.03	.....	As declared on sack
Pocomoke City	8.33	20.00	20.88	5.00	4.82	8.00	7.44	7.80	50.73	" "
Pocomoke City	9.97	16.00	17.29	4.00	4.69	7.00	4.92	7.30	55.83	" "
Pocomoke City	9.33	18.00	18.16	4.00	5.22	7.00	5.66	7.73	53.90	I
Pocomoke City	10.00	19.00	20.18	4.50	4.31	7.00	6.35	9.05	50.11	As declared on sack
Frostburg	7.09	24.00	26.00	4.00	4.95	9.00	9.30	8.47	44.19	J
Frostburg	8.67	16.00	16 69	3.50	3.92	12.50	10.87	9.51	50.34	As declared on sack
Frostburg	8.42	18.00	18.22	4.50	5.12	7.00	6.23	8.11	53.90	I
Frostburg	8.13	17.00	19.05	3.50	4.87	6.00	6.13	6.25	55.57	" "
Mt. Lake Park	8.40	14.00	15.62	4.50	6.22	6.00	4.99	5.28	59.49	" "
Mt. Lake Park	10.94	9.50	10.88	2.50	3.86	4.00	2.31	1.60	70.41	" "
Frostburg	9.47	10.00	11.92	2.00	2.62	16.00	13.67	8.86	53.46	" " K
Mt. Lake Park	8.01	9.50	10.85	3.00	3.52	9.00	7.70	3.70	66.22	As declared on sack
Mt. Lake Park	8.09	14.50	15.83	4.50	4.25	7.00	5.76	7.73	58.34	" "
Frostburg	8.47	9.00	9.16	2.50	2.46	12.00	9.44	4.84	65.63	" "
Frostburg	9.53	10.00	10.35	6.00	6.01	5.00	3.82	2.07	68.22	" "
Frostburg	10.69	9.00	9.65	3.00	3.09	5.00	2.71	1.39	72.47	A.
Mt. Lake Park	7.79	13.50	13.84	3.75	3.55	9.00	7.03	5.83	61.96	As declared on sack
Chestertown	4.96	50.00	50.11	8.00	14.50	3.00	2.09	25.88	2.46	" "
Germantown	5.90	50.00	46.77	8.00	15.11	3.00	1.52	29.13	1.57	" "
Chewsville	5.68	50.00	49.84	8.00	15.28	3.00	1.59	27.39	.22	" "
Baltimore	5.10	50.00	50.72	8.00	14.68	3.00	1.87	25.50	2.13	" "
Chestertown	5.66	50.00	46.84	8.00	13.46	3.00	1.86	28.64	3.54	" "
Hampstead	5.80	50.00	47.91	8.00	12.56	3.00	2.29	29.85	1.59	" "
Taneytown	7.91	55.00	57.57	5.00	9.21	2.00	.77	21.31	3.23	" "
Hagerstown	9.86	24.00	24.05	5.50	3.86	7.20	6.98	7.28	47.97	B.
Hagerstown	9.92	16.00	18.02	3.00	5.11	12.00	7.90	8.14	50.91	C.
Hagerstown	12.21	16.50	17.55	4.00	4.24	6.50	6.83	10.30	48.87	As declared on sack
Hagerstown	10.04	7.00	11.74	2.00	4.32	17.00	9.90	5.04	58.96	D.
Hagerstown	9.90	20.00	20.27	5.20	3.34	5.00	6.55	10.85	49.09	E.
Maugansville	10.13	14.00	17.64	3.50	5.06	10.00	10.25	6.27	50.65	F.
Parkton	12.21	14.00	16.50	3.50	5.05	10.00	10.04	6.23	49.97	G.
Jarrettsville	10.37	14.00	17.02	3.50	5.25	10.00	10.53	6.61	50.22	As declared on sack
Motters	10.41	14.00	17.47	3.50	5.22	12.00	10.79	6.32	49.79	H.
Frederick	10.31	14.00	16.54	3.50	4.85	12.00	10.33	6.20	51.77	L
Adamstown	10.13	15.00	17.20	2.75	3.62	5.00	2.37	3.14	63.54	As declared on sack
Frostburg	9.77	17.00	18.43	4.00	5.34	6.50	5.50	9.30	51.66	" "
Frostburg	10.98	10.00	10.00	1.50	1.86	14.50	12.26	6.87	58.03	" "
Cambridge	9.19	17.00	18.78	4.00	3.92	7.00	8.17	12.50	47.45	" "
Cambridge	9.55	17.00	17.38	4.00	5.24	7.00	8.31	8.61	50.91	" "
Easton	10.32	32.00	32.13	4.50	5.40	9.00	6.45	8.35	37.35	" "
Easton	10.22	20.00	19.59	4.00	4.72	8.00	5.74	7.81	51.92	K.
Easton	8.64	19.00	19.31	4.00	4.50	8.00	5.65	8.33	53.57	N
Easton	10.43	16.00	16.07	3.00	4.51	10.00	6.44	8.11	54.44	As declared on sack
Easton	7.74	17.00	17.72	4.50	4.43	6.00	7.33	8.44	54.34	" "

A—Ingredients on sack differ from license. Also detected Oats & Sunflower Seed.
B—Ingredients on sack differ from license. Unable to detect Soy Bean Oil Meal.
C—Ingredients & Fat guarantee on sack differ from license. Also detected a large amount of Whole Weed Seed.
D—Rolled Oats declared—Clipped Oats present. Oat Products declared—appears to be Oat Screenings—also Whole Weed Seed present.
E—Also detected Crab Meal.
F—Contains Screenings as per license.
G—Detected 1.47% Screenings.
H—Also detected Screenings. Fibre guarantee on sack differs from license.
I—Ingredients on sack differ from license.
J—Also detected Kaffir Corn.
K—Fibre guarantee on sack differs from license.
L—Fibre guarantee on sack differs from license.
K—Fibre guarantee on sack differs from license. Detected 4.14% Screenings.
M—Ingredients on sack differ from license. Also detected Corn Distillers Dried Grains.
N—Ingredients & Fat guarantee on sack differ from license. Also detected Ground Barley.

MANUFACTURER AND ADDRESS	NAME OF FEED
W. T. Eddington & Son, Federalsburg, Md.	†Best Laying Mash
" " "	Special Laying Mash
" " "	*Best Growing & Starting Mash
Edwards Distributing Co., Baltimore, Md.	Fish Meal
" "	Fish Meal
Englar & Sponseller, Westminster, Md.	"Meadow-Brook" Dairy Feed
" " "	"Meadow-Brook" Laying Mash
Enterprise Tallow & Grease Co. Phila., Pa.	Del-Mar-Va Meat & Bone
" " "	Del-Mar-Va Meat & Bone
" " "	Del-Mar-Va Meat & Bone
" " "	Del-Mar-Va Meat & Bone
" " "	Del-Mar-Va Meat & Bone
John W. Eshelman & Sons, Lancaster, Pa.	*32% Mixing Ration
" " "	Conestoga 20 Dairy Feed
" " "	Conestoga 20 Dairy Feed
" " "	Pennsy 16 Dairy Feed
" " "	Pennsy 16 Dairy Feed
" " "	Pennsy Laying Mash
" " "	Pennsy Laying Mash
" " "	Red Rose Growing Mash
" " "	Red Rose Laying Mash
" " "	Red Rose Fattening Mash
" " "	Red Rose Fitting Ration
" " "	Red Rose Flaked Feed
" " "	Red Rose Alfalfa Meal
" " "	Garden Spot Horse Feed
" " "	Red Rose 85 Horse Feed
" " "	Red Rose Hog Meal
" " "	Red Rose Pure Ground Corn & Oats
" " "	‡Red Rose Duck Mash
" " "	Red Rose Turkey Mash
Fainchild Milling Co., Cleveland, Ohio	Wheat Bran, with G.S.N.Ex.M.R.
Fairmount Creamery Co., Omaha, Neb.	Better Pure Flake Buttermilk
Farmers Cooperative Assoc., Inc., Fred., Md.	28% Special
" " "	Laying Mash
Farmers Feed Co., New York, N. Y.	"Bull Brand"Dried Brewers Grains
Farmers Fertilizer & Feed Co., Westminster, Md.	Farmers' 24% Dairy Feed
" " "	Farmers' 24% Dairy Feed
" " "	Farmers' Favorite Laying Mash
" " "	Farmers' Favorite Growing Mash

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Federalsburg	8.27	20.00	18.16	5.80	5.24	7.00	6.32	12.02	49.99	A.
Federalsburg	10.07	15.27	15.27	3.67	3.67	5.67	5.67	9.54	55.78	As declared on sack
Federalsburg	8.96	17.50	16.94	4.50	3.73	6.50	4.91	9.75	55.71	" "
Hagerstown	6.94	58.00	57.92	4.00	9.89	1.75	.60	21.76	2.89	" "
Frederick	7.05	58.00	57.30	4.00	8.28	1.75	1.15	21.80	4.42	" "
Westminster	9.09	24.00	28.08	4.50	4.74	12.00	9.51	5.62	32.96	" "
Westminster	9.38	20.45	22.29	5.50	5.43	10.45	9.16	8.11	45.63	" "
Berlin	6.92	50.00	49.67	10.00	12.01	2.00	2.23	28.92	.25	" "
Berlin	6.99	50.00	49.49	10.00	11.12	2.00	2.20	30.15	.05	" "
Berlin	5.91	45.00	45.01	10.00	11.72	2.00	1.62	34.95	.78	" "
Berlin	6.67	45.00	46.95	10.00	11.19	2.00	1.59	33.50	.10	" "
Federalsburg	7.09	45.00	47.82	10.00	10.04	2.00	1.99	31.65	1.41	" "
Princess Anne	8.41	32.00	32.77	4.50	3.86	9.00	7.42	8.15	39.39	" "
Cumberland	8.17	20.00	22.04	4.00	4.43	11.00	9.80	8.99	46.57	" "
Elkton	8.24	20.00	21.17	4.00	4.29	11.00	10.15	9.93	46.22	" "
Darlington	8.27	16.00	18.76	3.00	4.10	11.00	10.10	10.00	48.77	" "
Frederick	9.02	16.00	16.48	3.00	4.52	11.00	11.32	11.00	47.66	" "
Darlington	10.08	18.00	20.53	5.00	5.17	8.00	6.71	6.58	50.93	" "
Frederick	9.40	18.00	19.48	5.00	5.10	8.00	6.46	7.86	51.70	" "
Reisterstown	8.40	20.00	21.32	5.00	6.24	7.00	6.55	8.58	48.91	" "
Elkton	9.57	16.00	17.90	4.00	5.86	7.00	6.59	5.40	54.68	" "
Baltimore	8.97	14.00	15.36	4.00	5.33	5.00	4.04	6.38	59.92	" "
Elkton	8.71	12.00	14.38	3.50	3.61	7.00	6.41	6.16	60.73	" "
Baltimore	8.06	10.00	10.88	2.50	5.22	11.00	9.70	2.45	63.69	" "
Taneytown	7.74	13.00	13.86	1.50	1.71	33.00	31.00	5.99	39.70	" "
Princess Anne	9.17	7.00	8.37	2.00	2.43	10.00	10.90	5.85	63.28	" "
Elkton	9.01	9.00	11.66	3.00	3.85	10.00	7.25	3.15	65.08	" "
Rising Sun	8.97	16.00	20.80	5.00	5.13	10.00	8.60	8.04	48.46	" "
Baltimore	9.55	10.00	11.67	4.00	4.44	9.00	7.40	3.10	63.84	" "
Taneytown	9.11	20.00	21.94	4.00	5.56	7.00	8.70	8.07	46.62	" "
Baltimore	8.52	18.00	19.74	4.50	5.81	7.00	6.68	6.38	52.87	" "
Frederick	10.50	14.00	15.88	3.50	4.30	12.00	10.24	7.23	51.85	" "
Germantown	.....	32.00	32.99	6.00	§5.91	.....	.....	11.35	.....	As declared on sack
Frederick	8.90	28.00	30.19	4.00	4.13	10.00	10.16	5.18	41.44	As declared on sack
Frederick	8.51	20.00	22.90	4.00	5.38	7.00	5.87	7.66	49.68	" "
Linwood	7.05	24.00	25.71	6.00	6.09	17.00	14.30	3.94	42.91	" "
Westminster	8.48	24.00	25.01	4.00	4.41	12.00	11.65	6.20	44.25	" "
Westminster	8.58	24.00	25.45	4.00	4.38	12.00	11.07	5.56	44.96	" "
Westminster	9.00	20.00	20.53	5.00	4.59	10.00	9.06	6.90	49.92	" "
Westminster	8.87	17.00	17.99	4.00	4.04	6.50	7.40	6.20	55.50	" "

A—Also detected Oyster Shell.
§ Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Farmers Service Burea, Baltimore, Md.	‡Dried Grains
" " "	Distillers Grains & Molasses
" " "	Distillers Grains & Molasses
Farmers Supply Co., Denton, Md.	Fasuco Laying Mash
" " "	*Fasuco Hog Feed
Farmers Supply Co., Inc., Gapland, Md.	Egg Mash
" " "	†Hog Feed
Farm Service Stores, Inc., Baltimore, Md.	Horse Feed
Federal Milling Co., Hagerstown, Md.	*Grow Big Hog Feed
" "	Pure Wheat Bran
" "	Fancy Wheat Middlings, M.R.S.
" "	*Pure Corn, Oats & Barley Chop
" "	Special Scratch Feed
Feed-Mor Products Co., Westminster, Md.	Feed-More Meat Meal
" "	Feed-Mor Tankage
Fernando Valley Milling & Supply Co., Los Angeles, Calif.	Dehydrated Alfalfa Meal
" " " "	†Fernando Meal
J. A. Forrest, Minneapolis, Minn.	*Super Ground Flax Screenings
" "	Alpine Ground Feeding Oatmeal
Freihofer Flour Mills, Philadelphia, Pa.	Wheat Flour Middlings, wtih M.R. of S.N.Ex.M.R.
" "	
Gall & Smith, Thurmont, Md.	Laying Mash
Gambrill Grain Products Co., Baltimore, Md.	Aliceanna Laying Mash
" " "	Aliceanna Growing Mash
Gardiner & Yowaiski Milling Co. Chaptico, Md	Peerless Growing Mash
" " "	Chaptico Scratch Grains
General Mills, Inc., Minneapolis, Minn.	Eventually Gold Medal Dairy Ration 20%
" "	Eventually Gold Medal Egg Mash
" "	Eventually Gold Medal Egg Mash
" "	Eventually Gold Medal Growing Mash, with D.B.M.
" "	Eventually Gold Medal Growing Mash, with D.B.M.
" "	Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings
" "	Washburn's Gold Medal Hard Wheat Standard Middlings & Screenings
" "	Eventually Gold Medal Chick Feed No Grit
" "	Eventually Gold Medal Scratch Feed No Grit

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Wash. Grove	5.35	17.00	17.90	6.00	6.18	20.00	16.75	2.70	51.12	As declared on sack
Bel Air	7.49	12.00	12.59	4.50	5.20	20.00	15.08	2.71	56.93	" "
Walkersville	9.11	12.00	12.87	4.50	4.75	20.00	12.39	2.97	57.91	" "
Denton	7.95	20.00	20.27	5.00	5.22	8.00	7.51	9.38	49.67	A.
Denton	8.45	15.00	17.99	6.00	4.46	7.00	6.02	8.86	54.22	B.
Gapland	11.47	20.00	21.02	4.50	5.74	6.00	5.17	7.74	48.86	C.
Gapland	13.07	13.00	13.25	3.50	3.20	7.00	5.84	4.60	60.04	D.
Baltimore	9.83	10.00	10.86	3.00	3.52	12.00	11.10	4.90	59.79	As declared on sack
Hagerstown	10.56	14.50	14.65	4.50	3.40	8.00	5.38	4.19	61.82	" "
Hagerstown	10.20	15.00	15.27	4.00	3.59	9.50	10.78	7.46	52.70	" "
Hagerstown	9.85	15.50	17.54	4.00	5.19	6.00	5.98	4.48	56.96	" "
Hagerstown	10.05	10.00	10.09	5.00	2.99	9.00	9.32	4.36	63.19	" "
Hagerstown	10.81	10.00	10.27	2.50	2.67	5.00	3.09	1.80	71.36	" "
Motters	7.88	55.00	57.74	5.00	10.79	4.00	1.70	21.80	.09	" "
Westminster	5.04	35.00	38.26	5.00	25.08	2.50	4.51	20.37	6.74	E
Baltimore	7.48	19.00	21.06	3.00	3.20	23.00	20.60	12.29	35.37	As declared on sack
Baltimore	7.21	11.00	9.92	1.50	.86	35.00	40.36	7.30	34.35	" "
Hagerstown	8.81	18.00	18.52	17.00	14.87	12.50	12.19	8.16	37.45	" "
Denton	9.22	14.00	17.29	5.00	5.95	3.90	3.19	2.80	61.55	" "
Baltimore	10.15	16.00	17.20	4.00	3.99	6.00	3.10	3.20	62.36	" "
Thurmont	9.32	20.00	22.82	4.00	4.52	10.00	5.13	6.66	51.55	" "
Baltimore	8.58	20.00	20.63	3.50	4.86	8.00	5.78	6.99	53.16	A.
Baltimore	9.02	16.00	18.43	4.00	5.36	7.00	6.14	7.90	53.15	As declared on sack
Chaptico	8.77	17.00	17.02	6.00	5.82	5.00	5.37	8.23	54.79	" "
Chaptico	11.13	10.00	10.09	2.50	2.48	4.00	3.25	1.56	71.49	C.
Fullerton	9.04	20.00	21.94	4.50	4.52	8.50	8.21	8.15	48.14	" "
Fullerton	7.93	20.00	21.06	5.00	5.62	7.00	5.62	10.50	49.27	" "
Baltimore	9.81	20.00	21.15	5.00	5.00	7.00	5.44	9.17	49.43	" "
Fullerton	9.46	18.00	18.60	4.00	5.62	6.00	5.37	8.97	51.98	" "
Baltimore	9.15	18.00	18.52	4.00	5.33	6.00	5.43	9.81	51.76	" "
Frostburg	10.24	14.00	16.15	4.00	5.22	12.00	9.21	8.10	51.08	" "
Frostburg	10.88	15.00	15.88	4.00	5.24	9.50	7.84	6.07	54.09	" "
Fullerton	10.72	10.00	10.62	2.50	2.79	5.00	2.00	1.40	72.47	" "
Fullerton	10.58	10.00	10.35	3.00	3.12	4.00	2.27	1.59	72.09	" "

A—Ingredients on sack differ from license.
B—Ingredients & Fat guarantee on sack differ from license.
C—Also detected Ground Oats.
D—Also detected Ground Wheat & Whole Weed Seed.
E—Also detected a large amount of Vegetable Material & Hair.

MANUFACTURER AND ADDRESS	NAME OF FEED
Glade Valley Milling Co., Walkersville, Md.	Gee-Vee Laying Mash
" "	Pure Winter Wheat Bran
" "	Winter Wheat Middlings, with M.R.S.
Great Atlantic & Pacific Tea Co., N. Y., N. Y.	Milkyway Dairy Feed 24% Protein
" " "	Milkyway Dairy Feed 20% Protein
" " "	‡Daily Milk Dairy Feed
" " "	Daily Egg Mash Feed
Green Acre Farm, Nazareth, Penn.	Super Quality Alfalfa Meal
Green-Mish Co., Washington, D. C.	"Green Tag Prime" Cotton Seed Meal
" "	"Green Tag Prime" Cotton Seed Meal
" "	"Green Tag Prime" Cotton Seed Meal
Greensboro Milling Co., Greensboro, Md.	Riddleberger's Poultry Mash
" "	Pure Wheat Bran
" "	Pure Wheat Middlings
Hales & Hunter Co., Chicago, Ill.	Red Comb Egg Mash, with DBM.
" "	Red Comb Growing Mash, with DBM.
" "	College Horse Feed
" "	Red Comb Crate Fattener, with Rolled Oats
" "	‡Red Comb Coarse Chick
" "	Victoria Rabbit Feed
C. A. Hall, Girdletree, Md.	Laying Mash
" "	Growing Mash
Hall Milling Co., St. Louis, Mo.	Palace Pure Wheat Bran
" "	‡Palace Winter Wheat Flour Middlings, with Ground Screen Ex.M.R.
" "	
Dwight Hamlin Co., Pittsburgh, Pa.	*Dried Brewers Grains
" "	Dried Brewers Grains
Hampstead Fertilizer Co., Hampstead, Md.	R-E-M Home Made Laying Mash
" "	Home Made Hog Feed
Hampstead Milling Co., Hampstead, Md.	Hamco Egg Mash
" "	Winter Wheat Bran, N.Ex.M.R.S.
" "	Winter Wheat Middlings
Hancock Flour & Feed Co., Hancock, Md.	Potomac Laying Mash
" "	Potomac Growing Mash
Frank Harbaugh, Middleburg, Md.	Use More Dairy Feed
" "	*Use More Egg & Growing Mash
" "	Use More Pig & Hog Meal
Hugh Hazelhurst, Baltimore, Md.	50% Meat & Bone Scrap

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Walkersville	9.51	20.00	21.24	5.00	5.15	6.00	4.72	8.57	50.81	As declared on sack
Walkersville	10.49	15.00	15.45	4.00	4.11	12.00	11.00	8.13	50.82	" "
Walkersville	10.63	16.00	17.38	4.00	4.63	6.00	3.78	4.06	59.52	" "
Oakland	8.01	24.00	27.46	4.50	4.51	9.00	7.73	6.51	45.78	" "
Oakland	11.55	20.00	21.88	4.00	4.05	9.00	8.66	7.16	46.70	" "
Oakland	11.84	16.00	20.80	4.00	4.14	12.00	9.33	8.25	45.64	" "
Oakland	9.96	20.00	20.80	4.50	5.55	7.00	6.77	10.43	46.49	" "
Hagerstown	7.29	15.00	18.52	2.00	2.02	30.00	28.15	11.07	32.95	" "
Westminster	7.80	41.00	39.98	6.00	6.62	10.00	10.69	6.80	28.11	" "
Walkersville	6.88	41.00	41.07	6.00	6.13	10.00	12.02	5.24	28.66	" "
Germantown	7.05	41.00	41.33	6.00	6.31	10.00	10.42	6.80	28.09	" "
Greensboro	10.61	16.00	18.34	5.00	5.03	6.00	6.99	8.20	50.83	" "
Greensboro	11.25	14.00	14.92	4.00	4.34	10.00	7.15	5.32	57.02	" "
Greensboro	10.59	14.00	14.57	4.00	4.55	6.00	3.65	3.57	63.07	" "
Baltimore	9.74	18.00	19.92	4.00	5.61	7.00	7.47	9.75	47.51	" "
Baltimore	6.64	15.00	17.90	4.00	5.40	6.00	7.43	8.04	54.59	" "
Baltimore	10.46	9.00	9.95	2.50	3.70	10.00	8.97	4.45	62.47	A.
Baltimore	7.63	13.00	15.18	4.00	4.68	6.00	5.50	3.66	63.35	As declared on sack
Baltimore	10.62	10.00	11.85	2.50	2.50	5.00	2.39	2.52	70.12	" "
Baltimore	9.46	12.00	13.19	2.00	2.38	20.00	13.45	9.25	52.27	" "
Girdletree	10.78	16.00	16.37	4.50	5.11	6.50	6.14	5.21	56.39	" "
Girdletree	10.33	19.00	19.44	4.50	5.53	6.00	5.96	6.86	51.88	" "
Frederick	9.01	15.00	15.80	4.00	4.16	10.50	10.15	7.64	53.24	" "
Cooksville	10.09	16.00	17.20	4.00	3.77	6.00	5.10	4.17	59.67	" "
Hagerstown	5.17	20.00	21.76	6.00	5.21	18.00	17.43	4.14	46.29	" "
Darlington	5.50	20.00	23.08	6.00	6.34	18.00	17.42	4.84	42.82	" "
Hampstead	9.90	20.00	20.01	4.50	4.70	8.00	8.18	9.49	47.72	" "
Hampstead	8.73	15.00	17.90	4.00	5.31	8.00	6.10	6.67	55.29	A.
Hampstead	9.37	20.00	21.24	4.00	4.15	8.00	7.82	13.10	44.32	As declared on sack
Reisterstown	10.05	14.00	14.48	4.00	4.16	10.50	10.07	7.80	53.44	" "
Reisterstown	10.66	15.00	14.92	4.00	3.95	6.00	5.59	3.94	60.94	" "
Hancock	9.43	20.00	20.45	4.50	4.45	6.50	6.01	8.73	50.93	" "
Hancock	9.85	17.00	17.72	4.00	4.71	5.50	5.65	8.80	53.27	" "
Woodsboro	11.00	16.50	18.16	4.00	3.69	10.00	11.40	6.59	49.16	B.
Middleburg	12.06	20.00	20.53	4.00	2.56	7.00	6.25	6.39	52.21	As declared on sack
Medford	10.14	19.00	20.88	5.00	4.72	5.00	4.55	6.66	53.05	C.
Baltimore	5.10	50.00	47.11	6.00	13.60	2.00	1.09	32.90	.20	As declared on sack

A—Ingredients on sack differ from license.
B—Unable to detect Soy Bean Meal, Peanut Meal or Middlings—also detected Wheat Bran & Weed Seed. Ingredients on sack differ from license.
C—Also detected Ground Oats—unable to detect Linseed Oil Meal.

MANUFACTURER AND ADDRESS	NAME OF FEED
Hecker-Jones-Jewell Milling Div. of Standard Milling Co., Buffalo, N. Y.	Wheat Standard Middlings with, Ground Screenings N. Ex. M. R.
De Vries R. Hering, Sykesville, Md.	Growing Mash, with B.M. & Cod Liver Oil
Hershey Creamery Co., Harrisburg, Pa.	Superior Powdered Skim Milk
" "	Superior Powdered Skim Milk
Hespenheide & Thompson, York, Pa.	†Premier 32% Farm Mixing Feed
" " "	†Premier 32% Farm Mixing Feed
" " "	*Premier 32% Farm Mixing Feed
" " "	†Premier 24% Dairy Feed (Sweet)
" " "	Premier Dairy Ration
" " "	Premier Dairy Ration
" " "	Premier Dairy Ration
" " "	Premier 20% Dairy Feed
" " "	Premier 20% Dairy Feed
" " "	Premier 16% Dairy Feed
" " "	Premier Egg Mash, with B.M., Charcoal & Minerals
" " "	York Laying Mash
" " "	York Laying Mash
" " "	Premier Growing Mash, with BM.
" " "	Premier Growing Mash, with BM.
" " "	Premier Broiler Ration
" " "	Premier Pig & Hog Meal
" " "	Premier Pig & Hog Meal
" " "	‡Corn Feed Meal
" " "	Premier Intermediate Chick Feed
John P. Howard, Hagerstown, Md.	Poultry Mash
" "	Scratch Grains
" "	Pigeon Feed without Corn
" "	Pigeon Feed with Corn
Hubinger Co., Keokuk, Iowa	Ke Ok uk Gluten Feed
" "	Ke Ok uk Gluten Feed
" "	‡Ke Ok uk Oil Cake Meal
Hubbard Milling Co., Mankato, Minn.	Fancy Pure Mother Hubbard Wheat Bran
Humphreys-Godwin, Co., Memphis, Tenn.	Dixie Brand 41% Protein Prime Cottonseed Meal
" "	Dixie Brand 41% Protein Prime Cottonseed Meal
" "	
Hurlock Milling Co., Hurlock, Md.	Best Quality Laying Mash
Independent Mfg. Co., Philadelphia, Pa.	55% Beef Scrap & Bone
" "	50% Beef Scrap & Bone
" "	50% Beef Scrap & Bone

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	9.56	15.00	18.43	4.75	5.49	9.50	7.93	5.30	53.29	As declared on sack
Sykesville	9.47	18.00	19.31	4.50	5.64	6.00	6.12	9.15	50.31	" "
Hagerstown	.....	32.00	34.66	.25	§.97	.....	.....	8.31	.....	" "
Cumberland	.....	32.00	33.52	.25	§1.06	.....	.....	8.95	.....	" "
Parkton	9.71	32.00	29.21	4.50	3.18	10.00	6.61	6.89	44.40	" "
Parkton	9.49	32.00	29.69	4.50	4.55	10.00	6.66	8.15	41.46	A.
Parkton	9.78	32.00	28.26	4.50	3.88	10.00	6.25	9.64	42.19	As declared on sack
Jarrettsville	10.82	24.00	21.95	4.50	3.31	12.00	6.92	6.10	50.90	B.
Parkton	6.70	24.00	25.18	4.50	4.25	11.00	8.42	8.20	47.25	As declared on sack
Parkton	7.95	24.00	25.62	4.50	4.48	11.00	8.77	8.07	45.11	" "
Parkton	8.69	24.00	25.45	4.50	4.43	11.00	8.71	6.88	45.85	" "
Parkton	7.77	20.00	23.69	4.00	5.04	12.00	8.56	7.45	47.49	" "
Parkton	8.58	20.00	26.96	4.00	4.82	12.00	9.24	6.44	43.96	C.
Parkton	8.20	16.00	16.38	3.00	3.46	12.00	10.33	11.60	50.03	As declared on sack
Jarrettsville	9.13	20.00	21.76	4.50	5.37	7.00	7.17	8.28	48.29	" "
Parkton	8.88	18.00	20.18	3.00	6.12	6.00	7.04	8.82	48.96	" "
Parkton	7.94	18.00	20.71	3.00	5.81	6.00	6.43	10.13	48.98	" "
Parkton	9.84	17.00	19.66	4.50	5.04	7.00	6.09	6.14	53.23	" "
Jarrettsville	9.73	17.00	19.57	4.50	4.89	7.00	5.39	6.20	54.22	" "
Parkton	9.57	18.50	18.95	4.00	5.69	5.50	5.07	6.07	54.65	" "
Parkton	8.19	16.00	19.39	4.00	5.42	7.00	6.87	6.89	53.24	" "
Jarrettsville	9.83	16.00	18.60	4.00	4.16	7.00	6.46	7.46	53.49	" "
Cordova	8.84	8.00	10.53	3.00	6.71	4.00	4.51	2.66	66.75	" "
Parkton	10.39	10.00	10.35	2.50	3.79	4.00	2.01	1.80	71.66	" "
Hagerstown	8.44	19.50	19.22	5.00	4.61	7.00	7.44	13.01	47.28	" "
Hagerstown	11.54	10.00	10.35	2.50	2.59	4.00	2.75	1.89	70.88	" "
Hagerstown	10.44	14.00	14.22	3.00	3.03	4.00	3.60	2.26	66.45	" "
Hagerstown	11.18	12.50	12.90	3.25	3.24	3.50	3.24	2.12	67.32	D.
Hagerstown	7.34	25.00	29.31	2.00	3.08	8.50	7.40	5.83	47.04	" "
Ellicott City	9.02	25.00	28.35	2.00	2.94	8.50	6.49	4.28	48.92	" "
Ellicott City	7.58	18.50	24.31	7.50	7.88	11.00	9.77	2.64	47.82	" "
Providence	8.80	15.00	16.94	3.00	5.33	9.50	9.91	6.41	52.61	" "
Westminster	7.61	41.00	41.24	5.00	7.32	12.00	8.39	7.64	27.80	" "
Frederick	6.29	41.00	41.07	5.00	6.85	12.00	12.02	7.12	26.65	" "
Hurlock	8.46	20.50	20.71	4.95	4.90	9.62	7.90	9.90	48.13	" " E
St. Michaels	5.93	55.00	55.37	8.00	10.59	3.00	2.24	25.74	.13	" "
St. Michaels	6.03	50.00	51.95	8.00	10.47	3.00	2.06	29.30	.19	" "
Salisbury	5.72	50.00	50.19	8.00	11.63	3.00	2.13	30.24	.09	" "

§ Fat as determined by the Roese-Gottlieb Metrod.
A—Unable to detect Soy Bean Oil Meal.
B—Contains Soy Bean Oil Meal as well as ingredients declared on inspectors slip.
C—Ingredients on sack differ from license.
D—Also detected Hulled Oats.
E—Protein; Fat & Fibre guarantee on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
International Milling Co., Minneapolis, Minn.	Blackhawk Pure Wheat Bran
Jerusalem Roller Mills, Kingsville, Md.	Pure Wheat Bran
" "	†Pure Wheat Middlings
R. D. Johnson Milling Co., Cumberland, Md.	*Atlas Dairy Feed
" "	Atlas Egg Mash
" "	Wheat Bran & Screenings
" "	Wheat Bran & Screenings
Kansas Flour Mills Corp., Kansas City, Mo.	Big Flake Pure Weat Bran
" " "	‡Gray Wheat Shorts & Wheat Screenings
Kasco Mills, Inc, Waverly, N. Y.	OC-SAK 24% Dairy Feed
" " "	Beatsall Milk Grains
" " "	‡20% Milk Maker
" " "	16% Dairy Feed
" " "	Apex Laying Mash
" " "	OC-SAK Laying Mash
" " "	All Mash Growing Food
" " "	‡Bulky Sweet Feed
" " "	‡Apex Sugared Chop
" " "	Pig-Hog Feed
" " "	Choice Wheat Mixed Feed
" " "	Turkey Starter & Grower
Keystone Dairy Co., New York, N. Y.	Skim Milk Powder
Keedysville Milling Co., Keedysville, Md.	Eureka Laying Mash
" "	Eurkea Growing Mash
" "	Wheat Bran
" "	Wheat Middlings
Key Grain & Feed Co., Keymar, Md.	The Key 32% Dairy Ration
" "	The Key Dairy Ration
" "	Detour Laying Ration
" "	The Key Laying Mash
" "	The Key Growing Mash
" "	The Key Pig Meal
King Bros., & Co., Philadelphia, Pa.	Pure Dried Buttermilk
" "	Pure Dried Skim Milk
Kline Bros., Inc, Boonsboro, Md.	Pure Winter Wheat Bran
" "	Pure Winter Wheat Middlings
" "	Scratch Grains
Chas. F. Knock, Frederick, Md.	Growing Mash, with BM
" "	Laying Mash
H. C. Knoke & Co., Chicago, Ill.	‡Barley Feed
" "	‡Barley Feed

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Lewistown	9.13	15.00	16.94	3.20	4.31	12.00	11.02	6.80	51.80	As declared on sack
Kingsville	8.96	14.00	15.27	3.00	3.66	10.00	8.16	6.84	57.11	" "
Kingsville	12.78	14.00	12.46	3.50	2.14	6.00	1.80	1.80	69.02	" "
Cumberland	9.51	22.00	19.57	4.00	5.17	12.00	10.80	9.07	45.88	A.
Cumberland	9.49	18.00	19.22	4.00	5.53	7.00	4.37	8.17	53.22	B.
Cumberland	8.75	16.00	15.36	4.00	4.01	9.00	9.32	7.22	55.34	As declared on sack
Cumberland	9.91	16.00	15.97	4.00	4.67	9.00	8.85	7.07	53.53	" "
Baltimore	8.58	15.00	16.67	3.50	3.42	11.00	11.21	7.30	52.82	" "
Denton	9.13	16.00	17.99	3.50	4.30	6.00	6.18	4.80	57.60	" "
Cumberland	8.00	24.00	24.29	3.50	5.03	12.00	11.73	7.63	43.32	" "
Oakland	8.03	22.00	23.24	4.50	3.67	10.00	8.71	7.25	48.10	" "
Oakland	8.81	20.00	24.80	4.50	4.68	11.00	8.54	7.58	45.59	C.
Cumberland	8.09	16.00	18.21	4.00	4.17	12.00	13.99	8.23	47.31	As declared on sack
Oakland	8.96	20.00	20.53	4.00	5.01	8.50	6.16	11.81	47.53	" "
Oakland	5.93	17.00	17.20	3.50	4.83	8.50	5.32	9.83	56.89	" "
Oakland	9.91	14.00	14.92	4.00	4.59	5.50	5.28	6.90	58.40	" "
Oakland	8.08	9.00	15.48	1.50	3.28	15.00	14.96	7.53	50.67	C.
Hancock	10.13	7.50	8.04	3.00	3.80	12.00	11.71	5.17	61.15	As declared on sack
Hancock	9.02	17.00	18.25	4.50	4.94	7.50	6.93	7.50	53.36	" "
Hancock	9.48		14.48		5.08		6.19	7.99	56.78	D.
Hancock	8.44	20.00	19.92	4.00	4.89	8.00	7.06	10.53	49.16	As declared on sack
Maryland Line	.....	32.00	33.70	.75	§.87	.....	.....	8.22	.....	" "
Keedysville	8.79	20.00	20.71	5.00	3.83	7.00	5.73	10.78	50.16	" "
Keedysville	9.43	17.50	16.94	5.10	5.65	5.00	4.47	8.50	55.01	" "
Keedysville	10.07	13.50	15.97	3.25	3.85	3.35	8.08	5.54	56.49	E.
Keedysville	11.12	14.00	14.57	3.50	3.32	3.25	3.57	3.10	64.32	" "
Hampstead	9.61	32.00	32.15	4.75	4.70	9.00	9.67	7.28	36.59	F.
Detour	8.64	20.00	22.90	4.00	4.16	11.00	9.11	7.52	47.67	As declared on sack
Detour	8.60	19.00	20.53	4.50	4.70	9.00	8.82	9.30	48.05	" "
Detour	8.49	19.00	20.45	5.00	5.25	7.00	5.21	9.89	50.71	F.
Detour	8.72	16.00	16.94	4.25	4.91	7.00	6.09	8.50	54.84	As declared on sack
Detour	9.39	17.00	18.43	4.00	4.98	7.00	6.45	8.45	52.30	" "
Baltimore	.....	32.00	31.33	5.00	x4.75	.....	.....	7.83	.....	" "
St. Michaels	.....	30.00	34.22	1.00	x1.00	.....	.....	8.26	.....	" "
Benevola	11.05	14.00	15.36	4.00	4.20	9.00	10.27	6.64	52.48	" "
Benevola	10.86	15.00	16.67	4.00	4.08	5.00	4.63	4.80	58.96	" "
Benevola	10.94	9.00	11.76	2.50	2.60	6.00	2.81	1.70	70.19	F.
Frederick	10.67	15.00	16.32	4.00	5.06	10.00	3.30	4.80	59.85	F.
Frederick	9.18	18.00	21.75	3.00	5.55	10.00	5.68	7.70	50.14	As declared on sack
Linwood	8.19	14.00	15.09	3.00	4.29	13.50	13.95	4.95	53.53	" "
Baltimore	8.17	14.00	15.45	3.00	4.32	13.50	13.90	5.36	52.80	" "

A—Ingredients & Fat & Fibre guarantee on sack differ from license. Unable to detect Corn Gluten Feed & Soy Bean Oil Meal—also detected Wheat Middlings and Buckwheat Middlings.
B—Ingredients & Protein guarantee on sack differs from license.
C—Ingredients on sack differ from license.
D—Detected 4.45% Corn & Carbonate.
E—Fat & Fibre guarantee on sack differ from license.
F—Ingredients on sack differ from license.
§ Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Kraft-Phenix Cheese, Corp., Chicago, Ill.	"Kraco" Milk Sugar Feed
Chas. A. Krause Milling Co., Milwaukee, Wis.	‡Badger 16% Sweet Dairy Feed
" "	Horse Feed
" "	‡Blue Top Scratch Feed
H. Curtis Krout, Maryland Line, Md.	Egg Mash
" "	Growing Mash
La Grange Mills, Red Wing, Minn.	Fancy Coarse Pure Wheat Bran
" "	Wheat Standard Middlings, with Ground Screenings N.Ex.M.R.
" "	Wheat Standard Middlings, with Ground Screenings N.Ex.M.R.
Lakeview Milling Co., Chambersburg, Pa.	‡Soft Winter Wheat Bran
" "	‡Soft Winter Wheat Middlings
Larrowe Milling Co., Detroit, Mich.	41% Protein Cotton Seed Meal
" "	Prime Quality
" "	Larro-The Ready Ration for Dairy Cows
" "	Larro Egg Mash
" "	Larro Egg Mash
" "	Larro Growing Mash
" "	Larro Calf Meal
" "	Dried Molasses-Beet Pulp
" "	Larro Pork Maker
" "	Larro Pork Maker
" "	Larro Turkey Grower
John T. Lewis & Bros. Co., Philadelphia, Pa.	32% Old Process Linseed Meal
Liberty Milling Co., Germantown, Md.	Montgomery 26% Dairy Feed
" "	Liberty Egg Mash
" "	Liberty Growing Mash
" "	‡Liberty Starter & Grower Turkey Mash
Linwood Elevator Co., Inc., Linwood, Md.	Dairy Feed
" " "	Laying Mash
" " "	*Pigeon Feed
L. B. Lovitt & Co., Memphis, Tenn.	"Lovit Brand" 41% Cotton Seed Meal
" "	"Lovit Brand" 41% Cotton Seed Meal
" "	"Lovit Brand" 41% Cotton Seed Meal
" "	"Lovit Brand" 41% Cotton Seed Meal
Mann Bros., Buffalo, N. Y.	37% Protein Pure O.P. Linseed Meal
Maple Leaf Milling Co., Ltd., Toronto, Canada	Pure Wheat Bran
Maritime Milling Co., Buffalo, N. Y.	*Bull Brand "24" Dairy Ration Sweetened

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	.....	12.00	12.72	.50	§1.48	.....	.....	8.29	.....	As declared on sack
Hampstead	10.21	16.00	16.71	4.00	4.08	13.00	9.83	8.43	50.74	" "
Baltimore	11.20	10.00	10.80	2.50	3.39	10.00	8.82	3.42	62.37	" "
Hampstead	11.10	10.00	10.27	2.50	2.47	5.00	2.06	1.26	72.84	" "
Maryland Line	9.76	20.00	21.50	4.00	5.44	7.00	6.58	9.82	46.90	" "
Maryland Line	9.76	16.00	17.64	4.00	4.96	6.00	4.53	8.37	54.74	A.
Hagerstown	9.60	15.00	17.72	4.50	5.13	13.00	11.09	6.58	49.88	As declared on sack
Hagerstown	10.89	16.50	18.43	5.00	5.65	9.50	6.92	4.72	53.39	" "
Rising Sun	10.42	16.50	18.43	5.00	5.42	9.50	7.15	4.50	54.08	" "
Chewsville	9.05	14.00	15.45	4.00	4.46	9.50	8.53	6.38	56.13	B.
Chewsville	11.14	15.00	15.97	4.00	4.14	7.00	5.19	3.84	59.72	As declared on sack
Westover	5.69	41.00	41.51	6.00	6.29	10.00	9.52	7.70	29.29	" "
Mt. Airy	8.53	20.00	21.94	4.00	4.17	12.00	10.45	6.30	48.61	" "
Baltimore	8.44	19.00	20.18	5.00	5.84	7.50	5.24	11.93	48.37	" "
Mt. Airy	8.43	19.00	21.15	5.00	5.02	7.50	5.61	11.40	48.39	" "
Hampstead	8.90	16.00	16.94	4.50	4.72	6.50	5.25	7.90	56.29	" "
Baltimore	8.49	23.00	24.83	4.00	4.53	4.00	3.67	6.12	52.36	" "
Parkton	9.79	8.00	8.76	.40	.54	20.00	15.91	4.87	60.13	" "
Baltimore	7.46	25.00	27.55	5.00	6.67	10.00	8.41	13.76	36.15	" "
Mt. Airy	7.07	25.00	27.47	5.00	5.91	10.00	8.25	13.62	37.68	" "
Baltimore	8.43	24.50	25.27	4.00	4.97	6.50	5.21	10.38	45.74	" "
Cardiff	8.87	32.00	32.91	5.00	5.57	10.00	8.80	6.06	37.79	" "
Germantown	8.03	26.00	27.03	5.00	4.73	9.00	9.14	7.60	43.47	" "
Germantown	8.26	20.00	22.20	4.50	5.33	7.00	7.86	12.65	43.70	" "
Germantown	7.25	18.00	19.39	4.00	5.33	6.50	7.11	11.40	49.52	C.
Germantown	8.12	18.00	19.66	4.50	4.80	6.00	11.30	10.10	46.02	" "
Linwood	7.62	16.00	19.92	3.50	4.33	12.00	12.92	7.47	47.74	D.
Medford	8.87	18.00	18.08	4.50	4.10	8.00	7.23	7.05	54.67	E.
Linwood	10.18	14.00	12.99	2.50	3.54	5.00	3.74	2.27	67.28	As declared on sack
New Windsor	7.78	41.00	40.98	6.00	7.23	10.00	8.54	7.29	28.18	" "
Westminster	7.61	41.00	41.86	6.00	8.19	10.00	13.94	6.83	21.57	" "
Maugansville	7.42	41.00	41.77	6.00	6.47	10.00	8.07	7.90	28.37	" "
Derwood	6.99	41.00	41.68	6.00	6.51	10.00	9.57	8.24	27.01	" "
Gaithersburg	9.88	37.00	38.35	6.00	5.97	10.00	7.67	5.32	32.81	" "
Baltimore	7.72	15.00	17.02	3.50	5.46	11.50	11.95	6.30	51.55	" "
Baltimore	9.30	24.00	24.25	4.50	3.88	11.00	9.37	8.23	44.97	" "

A—Ingredients on sack differ from license.
B—Contains 2.26% Screenings.
C—Protein guarante on sack differs from license.
D—Ground Corn declared-detected Corn & Cob.
E—Unable to detect Gluten Meal-also detected Ground Barley.
§ Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Maritime Milling Co., Buffalo, N. Y. (cont.)	*B-B. Hi-Test Dairy Feed 24% Protein Sweetened
" "	
" "	
" "	B-B. Marmico 16% Protein Dairy Feed, with Molasses
" "	Dollar Maker Egg Mash
" "	B-B. Growing Mash, Vitamized with Cod Liver Oil, Milk Sugar Feed, DBM
" "	‡Dollar Maker Growing Mash, Vitamized with Cod Liver Oil & DBM
" "	‡B-B. Control Mash, Vitamized with Cod Liver Oil, Milk Sugar Feed, DBM
" "	‡B-B. Calf Meal
" "	‡B-B. Wheat Flour Middlings
" "	†B-B. Turkey Starting & Growing Feed, Vitamized with Cod Liver Oil
" "	
Earl Martin, Reid, Md.	Reid Dairy Feed
Martin & Ketels Milling Co., Sioux City, Iowa	‡Wheat Bran with Ground Screenings, N.Ex.M.R.
Maryland Cereal Co., Baltimore, Md.	"American" Laying Mash, with BM
Maurer Manufacturing Co., Newark, N. J.	Kwality Meat & Bone Scrap
" " "	Kwality Meat & Bone Scrap
" " "	Kwality Meat & Bone Scrap
Mennel Milling Co., Toledo, Ohio	Memo Pure Soft Winter Bran
Henry Mesner & Son, Baltimore, Md.	E-Z-Fed. Laying Mash, with BM., Cod Liver Oil & Minerals
" "	
" "	E-Z-Fed. Growing Mash, with BM., Cod Liver Oil & Minerals
Metcalfe Bros., Chestertown, Md.	Chester Laying Mash
" "	Chester Poult Mash
Leo H. Michael, Buckeystown, Md.	Laying Mash
Midland Flour Milling Co., Kansas City, Mo.	†Town Crier Flour Middlings (Gray Shorts) with Screenings
" "	
Mt. Airy Milling Co., Mt. Airy, Md.	Lamore Egg Mash
" "	Husky Growing Mash
" "	Winter Wheat Bran, with M.R.S.
Mutual Rendering Co., Inc., Philadelphia, Pa.	Mureco Meat Scrap
" "	Mureco Meat Scrap
" "	Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	Mureco Meat & Bone

‡ Not Licensed at time of Sale.
* Means Deficient in Protein or Fat.
† Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	8.04	24.00	24.54	4.50	3.99	12.00	10.23	8.91	44.29	As declared on sack
Hampstead	9.92	16.00	16.00	4.00	3.58	12.00	11.44	7.96	51.10	" "
Rockville	9.57	17.00	19.31	3.50	4.91	9.00	7.87	9.85	48.49	" "
Baltimore	8.98	16.00	17.38	4.50	5.24	7.00	6.44	8.97	52.99	" "
White Hall	9.44	15.00	16.67	3.50	5.48	9.00	7.29	8.20	52.92	" "
Federalsburg	9.35	14.00	16.50	2.50	3.92	4.00	4.42	7.92	57.89	" "
White Hall	8.69	22.00	24.13	4.00	4.92	5.00	3.94	7.40	50.92	" "
White Hall	10.49	15.00	17.90	4.00	4.47	6.00	5.08	4.16	57.90	" "
White Hall	8.83	20.00	20.01	4.00	5.37	7.00	5.93	9.55	50.31	" "
Reid	9.51	16.00	16.14	3.00	6.55	12.00	13.59	7.17	47.04	" "
Salisbury	9.37	14.00	15.99	3.00	3.87	12.00	8.84	6.34	55.59	" "
Baltimore	9.18	20.00	20.01	4.00	5.91	9.00	4.78	8.24	51.88	" "
Mardela Spring	5.80	50.00	53.09	6.00	10.71	3.00	2.15	25.63	2.62	" "
Berlin	6.68	50.00	50.37	6.00	12.02	3.00	3.15	26.46	1.32	" "
Mardela Spring	6.67	50.00	52.12	6.00	11.47	3.00	3.08	26.40	.26	" "
Lewistown	9.27	15.00	16.67	4.00	4.02	9.50	8.93	6.32	54.79	" "
Baltimore	8.18	20.00	22.29	4.00	5.34	7.00	5.85	12.63	45.71	" "
Baltimore	8.57	16.00	18.16	4.50	5.34	6.50	5.73	9.41	52.79	" "
Chestertown	7.94	20.00	19.66	5.00	5.26	10.00	9.26	9.03	48.85	" "
Chestertown	7.09	20.00	20.45	5.00	6.61	14.00	10.18	10.67	45.00	A.
Buckeystown	9.01	18.00	21.50	5.00	5.39	12.00	8.00	10.00	46.10	B.
Cambridge	10.61	16.00	17.29	3.75	4.16	5.50	4.87	3.91	59.16	As declared on sack
Mt. Airy	8.27	19.00	21.59	5.50	5.35	8.00	7.01	10.36	47.42	" "
Mt. Airy	8.56	18.00	19.74	4.00	5.32	7.00	6.70	10.08	49.60	A.
Mt. Airy	8.36	15.00	15.97	4.00	3.97	10.50	8.16	5.95	57.59	As declared on sack
Ellicott City	5.22	55.00	54.23	6.00	10.50	2.00	2.72	26.36	.97	" "
Rising Sun	5.72	55.00	58.09	6.00	11.57	2.00	3.23	20.86	.53	" "
Denton	5.92	50.00	51.42	6.00	11.33	2.00	2.27	28.72	.34	" "
Frederick	5.31	50.00	49.84	6.00	12.26	2.00	1.93	29.50	1.16	" "
Denton	5.17	45.00	45.19	6.00	10.32	2.00	1.84	36.31	1.17	" "

A—Ingredients on sack differ from license.
B—Ingredients on sack differ from license. Also detected Corn Gluten Feed.

MANUFACTURER AND ADDRESS	NAME OF FEED
Mutual Rendering Co., Inc., Phila., Pa. (cont)	Mureco Meat & Bone
" "	Mureco Meat & Bone
" "	*Mureco Steamed Bone Meal
" "	Mureco Fish Meal
" "	Mureco Fish Meal
" "	Mureco Fish Meal
C. W. Myers, Leitersburg, Md.	Pure Wheat Bran
" "	*Pure Wheat Middlings
Nanticoke Mills, Vienna, Md.	Pure Wheat Bran
National Milling Co., Toledo, Ohio	Pure Wheat Bran
Neustadt Trading Co., Baltimore, Md.	O.P. Cocoanut Oil Cake Meal
New Ulm Roller Mill Co., New Ulm, Minn.	Compass Pure Wheat Bran
Newsome Feed & Grain Co., Pittsburgh, Pa.	Palmo Midds
O. A. Newton & Son, Bridgeville, Del.	"Cedar View" Laying Mash
" "	"Cedar View" Special Growing Mash
" "	"Cedar View" Pullet Mash
Northern Oats Co., Minneapolis, Minn.	‡Feeding Oat Meal
Norton & Co., Washington, D. C.	*Bone & Meat Scrap
" "	*Bone & Meat Scrap
" "	*Bone & Meat Scrap
Nowak Milling Corp., Hammond, Ind.	Domino 32% Mixing Dairy Feed
" "	Domino 32% Mixing Dairy Feed
" "	*Domino 32% Mixing Dairy Feed
" "	*Domino 24½% Dairy Feed
" "	Domino Laying Mash, with BM
" "	Marathon Laying Mash
" "	Domino Growing Mash, with BM
" "	Domino Growing Pel-ets
" "	Domino Poultry Fattener
" "	Domino Developing Feed
" "	Domino Pep-O-Lene Horse Feed
" "	Domino Vim-O-Lene Horse Feed
" "	Domino Calf Meal
" "	Standard Corn Feed Meal
" "	Domino Starting Turk-ets
" "	Domino Growing & Fattening Turk-ets
" "	Domino All-In-One Rab-ets
Nuttle Milling Co., Denton, Md.	Ideal Laying Mash, with Cod Liver Oil & BM
" "	Ideal Growing Mash, with BM. & Cod Liver Oil
" "	Ideal Chick Starter, with BM. & Cod Liver Oil
" "	Ideal Turkey Mash, with BM. & Cod Liver Oil

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Hagerstown	5.90	45.00	46.07	6.00	9.86	2.00	1.21	36.54	.42	As declared on sack
Ellicott City	5.88	45.00	44.58	6.00	10.24	2.00	1.97	37.07	.26	" "
Denton	4.05	5.00	7.55	2.00	.42	2.00	1.03	85.55	1.40	" "
Denton	6.93	55.00	56.69	6.00	6.48	2.00	.84	23.27	5.79	" "
Ellicott City	6.05	55.00	57.74	6.00	7.39	2.00	1.46	20.30	7.06	" "
Rising Sun	5.64	55.00	55.86	6.00	8.63	2.00	1.03	20.50	8.34	" "
Leitersburg	10.50	14.00	16.15	4.00	3.69	10.00	8.57	6.42	54.67	" "
Leitersburg	11.35	15.00	16.32	4.50	3.41	4.00	3.21	4.53	61.18	" "
Vienna	12.09	13.00	14.13	3.50	3.26	10.00	5.97	4.18	60.38	" "
Hampstead	8.11	14.00	17.99	3.00	4.82	10.00	9.28	7.44	52.36	" "
Baltimore	8.17	23.00	22.69	8.00	16.88	11.00	9.89	4.37	38.00	" "
Adamstown	9.93	14.00	15.27	5.00	5.20	10.50	10.54	7.06	52.00	" "
Westminster	6.79	16.00	15.97	7.00	9.98	9.00	6.95	5.74	54.57	" "
Hurlock	8.70	18.00	20.18	4.00	4.65	7.50	5.71	8.86	51.90	" "
Hurlock	10.09	15.00	17.02	3.50	3.97	6.00	4.51	7.13	58.28	" "
Hurlock	9.81	14.00	16.50	3.50	4.35	6.00	5.16	9.04	55.14	" "
Baltimore	8.73	14.00	15.36	5.00	4.96	3.75	3.94	2.40	64.61	" "
Gaithersburg	6.63	50.00	46.49	10.00	13.20	2.00	2.29	30.40	.99	" "
Hyattsville	6.64	50.00	47.57	10.00	12.44	2.00	2.26	30.39	.70	" "
Hyattsville	6.06	50.00	48.79	10.00	11.87	2.00	2.07	28.24	2.97	" "
Ellicott City	7.32	32.00	32.00	4.50	4.45	10.00	9.04	10.01	37.18	" "
Hagerstown	8.95	32.00	31.18	4.50	4.89	10.00	8.81	11.07	35.10	" "
Sykesville	9.38	32.00	32.07	4.50	3.82	10.00	9.16	10.53	35.04	" "
Sykesville	9.94	24.50	24.80	5.00	3.77	10.00	8.05	8.11	45.33	" "
Ellicott City	8.32	20.00	19.92	4.50	5.90	8.00	6.71	8.05	51.10	" "
Ellicott City	8.37	18.00	22.20	4.00	5.14	7.50	5.03	10.84	48.42	" "
Baltimore	9.21	18.00	19.48	4.50	5.44	6.00	5.08	11.83	48.96	" "
Baltimore	11.85	15.00	17.72	4.50	4.62	5.50	4.37	6.46	54.98	" "
Baltimore	8.92	15.00	16.93	6.00	6.41	6.00	4.66	3.68	59.40	" "
Baltimore	10.77	10.00	10.62	2.00	2.40	4.00	2.63	1.57	72.01	" "
Baltimore	10.44	9.00	9.51	3.00	3.10	10.00	10.29	3.08	63.58	" "
Ellicott City	11.82	9.50	10.50	3.00	2.64	9.00	6.04	4.56	64.89	" "
Ellicott City	8.82	25.00	25.80	4.00	4.53	4.50	3.63	7.56	49.66	" "
Ellicott City	9.92	8.00	9.83	4.00	5.79	5.00	3.77	2.47	68.22	" "
Baltimore	7.82	18.00	19.13	4.00	6.47	7.00	7.12	8.90	50.56	" "
Baltimore	7.86	17.00	18.16	4.00	5.91	8.00	8.02	8.55	51.50	" "
Baltimore	8.26	12.00	12.81	3.00	4.34	16.50	14.17	7.76	52.66	" "
Denton	9.69	20.00	22.82	5.00	5.16	8.00	6.98	12.95	42.40	" "
Denton	8.27	15.00	16.67	4.00	5.55	6.00	4.88	7.30	57.33	" "
Denton	7.36	15.00	16.76	4.50	5.65	5.00	5.20	7.10	57.93	A.
Denton	9.46	18.00	18.25	4.50	6.12	8.00	6.48	8.35	51.34	As declared on sack

A—Ingredients on sack differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Geo. F. Obrecht, Inc., Baltimore, Md|	‡Laying Mash
P. Frederick Obrecht & Son, Baltimore, Md.	24% Dairy Ration
" " "	24% Dairy Ration
" " "	Laying Mash
" " "	Horse Feed, with Molasses 85% Grain
A. Overholt & Co., Inc., Broad Ford, Pa.	*Overco Stock Feed
" "	†‡Overco Stock Feed
" "	†Overco Stock Feed
" "	*Overco Stock Feed
" "	*Overco Stock Feed
Owings Bros., York, Pa.	16% Dairy Feed
" "	June Bug Laying Mash
" "	June Bug Growing Mash, with DBM
" "	June Bug Hog Feed
Park & Pollard Co., Buffalo, N. Y.	*Milk-Maid 24% Sweetened Dairy Ration
" "	Top Notch 16% Ration
" "	Lay or Bust Dry-Mash
Horace G. Payne, Snow Hill, Md.	Laying Mash
" "	†‡Pure Wheat Middlings
Pecos Valley Alfalfa Mill Co., Hagerman, N. M.	Peevee Alfalfa Leaf Meal
" " "	Alfalfa Meal
" " "	Alfalfa Meal
Penick & Ford Ltd., Inc., Cedar Rapids, Iowa	Douglas Corn Gluten Meal
" "	Douglas Corn Gluten Feed
James L. Pennock & Co., Propriators Excelsior Roller Mill, Avondale, Pa.	Pure Soft Winter Wheat Middlings
Perkins Oil Co., Memphis, Tenn.	Goldenrod Brand Cotton Seed Meal
Pillsbury Flour Mills Co., Minneapolis, Minn.	Hard Wheat A. Middlings & Screenings
" "	XX Daisy
Maurice Pincoffs Co., Houston, Texas	"Pinco" Brand 43% Protein Cotton Seed Meal Prime Quality
" "	*"Pinco Brand 43% Protein Cotton Seed Meal Prime Quality
" "	*‡"Pinco" Brand 43% Protein Cotton Seed Meal
" "	"Pinco" 41% Protein Cotton Seed Meal
" "	"Pinco" 41% Protein Cotton Seed Meal
" "	"Pinco" 41% Protein Cotton Seed Meal
" "	
Planters Cotton Oil Co., Dallas, Texas	"Golden Rod" Brand Cottonseed Cake &/or Meal
" "	
" "	"Golden Rod" Brand Cottonseed Meal or Cake

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Means Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	8.27	20.00	20.53	4.00	6.23	9.00	6.42	11.91	46.64	As declared on sack
Baltimore	7.69	24.00	23.65	3.50	5.50	12.00	10.02	7.01	46.13	A.
Chestertown	8.54	24.00	23.31	3.50	5.76	12.00	10.27	6.84	45.28	A.
Baltimore	6.21	20.00	21.59	4.00	5.29	8.00	4.31	8.76	53.84	As declared on sack
Baltimore	10.65	9.00	10.09	3.00	3.35	9.00	9.00	4.39	62.52	" "
Baltimore	6.95	18.00	16.77	7.01	8.12	16.58	17.27	2.69	48.20	" "
Aberdeen	6.87	18.00	16.53	7.00	6.14	16.00	18.65	2.69	49.12	" " B.
Darlington	9.46	18.00	16.13	7.01	6.41	16.58	16.52	2.12	49.36	" "
Elkton	6.69	18.00	15.23	7.01	7.89	16.58	17.48	2.17	50.54	" "
Baltimore	7.14	18.00	15.82	7.01	8.43	16.58	18.26	2.00	48.35	" "
Parkton	10.30	16.00	16.27	3.00	3.22	12.00	10.38	6.75	53.08	" "
Parkton	8.36	20.00	21.94	4.00	6.08	9.00	7.31	12.02	44.29	" "
Parkton	8.92	17.00	21.50	4.50	5.73	7.00	4.66	8.80	50.39	C.
Parkton	10.71	18.00	17.55	4.00	4.23	10.00	7.72	8.54	51.25	As declared on sack
Pocomoke City	8.04	24.00	24.73	4.50	3.86	11.00	5.82	6.85	50.70	" "
Pocomoke City	8.73	16.00	18.03	3.50	3.78	12.00	10.50	8.20	50.76	" "
Princess Anne	8.00	18.00	22.99	3.00	4.80	7.00	5.45	9.02	49.74	" "
Snow Hill	9.08	19.00	19.04	4.50	4.88	7.00	4.13	9.88	52.99	" "
Princess Anne	11.80	14.00	11.41	3.50	1.64	10.00	.94	1.10	73.11	" "
Ellicott City	5.59	20.00	25.18	2.50	2.33	18.00	14.11	13.80	38.99	" "
Westminster	.644	13.00	13.51	1.50	1.42	33.00	32.68	9.81	36.14	" "
Baltimore	5.79	13.00	13.86	1.50	1.46	33.00	31.87	10.36	36.66	" "
Rising Sun	8.42	43.00	43.18	1.00	2.33	4.00	4.82	3.89	37.36	" "
Baltimore	6.97	25.00	26.41	1.50	1.99	8.50	7.66	6.97	50.00	" "
Rising Sun	10.50	14.00	14.92	4.00	4.31	8.00	5.05	4.28	60.94	D.
Providence	7.57	41.00	41.07	6.00	6.59	10.00	10.16	7.10	27.51	As declared on sack
Brunswick	10.26	16.00	20.36	4.00	5.33	6.00	3.97	3.88	56.20	" "
Brunswick	10.69	16.00	19.83	4.00	5.13	4.00	2.42	3.30	58.63	" "
Sykesville	6.98	43.00	43.97	6.00	6.56	12.00	11.30	5.73	25.46	" "
Thurmont	6.72	43.00	41.56	6.00	5.89	12.00	12.94	6.13	26.76	" "
Gaithersburg	6.80	43.00	40.28	6.00	6.60	12.00	12.67	6.08	27.57	" "
Rising Sun	7.58	41.00	41.77	5.00	5.85	14.00	12.43	5.62	26.75	" "
Ellicott City	7.10	41.00	42.38	5.00	6.32	14.00	12.70	5.88	25.62	" "
Gaithersburg	6.79	41.00	43.26	5.00	5.96	14.00	11.40	5.40	27.19	" "
Chewsville	7.28	43.00	45.81	6.00	6.03	12.00	10.93	5.16	24.79	" "
Centreville	6.98	41.00	40.37	5.00	6.16	12.00	15.14	5.80	25.55	" "

A—Ingredients on sack differ from license.
B—Fat & Fibre guarantee on sack differ from license.
C—Ingredients & Protein guarantee on sack differ from license.
D—Separated 2.50% Screenings.

MANUFACTURER AND ADDRESS	NAME OF FEED
Planters Cotton Oil Co., Dallas, Texas (cont)	‡"Golden Rod" Brand Cottonseed Meal or Cake
Planters Nut & Chocolate Co., Suffolk, Va.	"41" Peanut Meal
" " "	"41" Peanut Meal
" " "	"41" Peanut Meal
" " "	"41" Peanut Meal
Pratt Food Co., Hammond, Ind.	Sweet 32% Dairy Feed
" "	Sweet 24% Dairy Feed
" "	B-P Dairy Feed
" "	Sweet 16% Dairy Feed
" "	Laying Mash, with BM
" "	Cak-Cak Egg Mash, with BM., Fish, Meat, etc
" "	Cak-Cak Egg Mash, with BM., Fish, Meat, etc
" "	‡Iroquois Growing Mash
" "	Growing Mash, with BM.
" "	‡Fattening Mash, with BM.
" "	‡Target Scratching Grains
" "	Turkey Growing & Finishing Mash, with BM
" "	Turkey Starter, with BM.
" "	‡Complete Rabbit Pellets, with BM.
" "	Rabbit Feed, with BM. (Pellet Form)
Prichard Co., Inc., Frostburg, Md.	Star Chop
" "	Star Scratch Grains
Princess Anne Milling Co., Princess Anne, Md.	*‡Laying Mash
" "	*Laying Mash
" "	‡Laying Mash
Proctor & Gamble Distributing Co., Cinn. O.	Cocoanut Oil Meal
Quaker City Flour Mills Co., Phila., Pa.	Winter Wheat Bran, with Ground Screenings N.Ex.M.R.
Quaker Oats Co., Chicago, Ill.	*24% Protein Dairy Ration
" "	16% Protein Dairy Ration
" "	‡Ful-O-Pep Broiler Mash
" "	Vim Feed
" "	Schumacher Feed
" "	Sugared Schumacher Feed
" "	Oat Mill Feed, with Molasses
" "	Yellow Hominy Feed
Ralston Purina Co., St. Louis, Mo.	Cottonseed Meal
" "	Purina 34% Cow Chow
" "	Purina 24% Cow Chow
" "	Purina 24% Cow Chow
" "	Protena 20% Dairy Feed
" "	Protena 20% Dairy Feed
" "	Purina All Mash Egg Chowder
" "	Purina Egg Chowder

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	7.13	41.00	41.42	5.00	6.21	12.00	12.28	5.88	27.08	As declared on sack
Frederick	5.64	41.00	42.30	6.00	9.06	10.00	4.73	5.64	32.63	" "
Aldino	6.09	41.00	43.97	6.00	9.22	10.00	4.18	5.80	30.74	" "
Cardiff	8.59	41.00	42.30	6.00	9.19	10.00	5.43	5.64	28.85	" "
Baltimore	8.37	41.00	42.47	6.00	9.45	10.00	5.39	5.78	28.54	" "
Ellicott City	9.60	32.00	32.63	4.50	4.55	9.00	7.78	7.58	37.86	" "
Ellicott City	10.08	24.00	25.21	4.00	4.33	9.00	8.29	7.56	44.53	" "
Hagerstown	10.30	21.00	21.20	4.00	4.23	10.00	8.73	9.05	46.49	" "
Centreville	9.59	16.00	16.99	4.00	4.02	12.00	10.69	8.74	49.97	" "
Baltimore	8.81	20.00	21.24	4.50	5.10	6.75	6.44	9.13	49.28	" "
Hagerstown	9.08	18.00	18.87	4.00	5.25	8.00	6.59	8.36	51.85	" "
Chestertown	10.04	18.00	18.87	4.00	6.18	8.00	7.15	7.84	49.92	" "
Colora	8.49	16.00	17.81	4.00	5.72	6.00	6.86	7.17	53.95	" "
Berwyn	9.20	17.50	17.38	4.50	5.14	6.00	7.21	9.62	51.45	" "
Berwyn	9.24	14.00	15.80	4.50	5.43	5.00	4.98	5.58	58.97	" "
Ellicott City	10.94	9.50	11.14	2.00	2.57	5.00	2.12	1.30	71.93	A.
Hagerstown	8.77	21.00	21.67	5.00	5.72	7.00	8.94	9.44	45.46	" "
Baltimore	8.20	21.50	24.75	4.50	5.23	11.00	8.20	11.70	41.92	" "
Berwyn	8.75	14.00	14.04	2.00	3.35	20.00	19.56	8.48	45.82	" "
Ellicott City	8.99	14.00	14.74	3.00	4.33	10.00	7.24	6.36	58.34	" "
Lonaconing	8.54	8.00	8.75	3.00	3.79	18.00	15.96	4.84	58.12	As declared on sack
Lonaconing	16.21	9.00	11.06	2.50	2.86	3.50	2.59	1.56	65.72	B.
Princess Anne	7.44	20.00	20.62	5.00	4.46	6.00	5.56	8.54	53.38	As declared on sack
Princess Anne	8.17	20.00	21.24	5.00	4.48	6.00	4.88	8.20	53.03	" "
Princess Anne	9.85	20.00	20.18	5.00	5.45	6.00	6.69	8.03	49.80	" "
Hagerstown	8.36	20.00	20.62	5.00	8.18	11.00	12.55	7.10	43.19	" "
Princess Anne	10.24	13.00	15.09	3.00	4.04	10.50	9.74	5.12	55.77	" "
Owings Mills	8.50	24.00	22.21	4.00	3.96	12.00	10.91	8.62	45.80	" "
Owings Mills	9.45	16.00	16.08	3.50	3.51	13.50	12.22	8.63	50.11	" "
Baltimore	8.66	19.00	18.21	5.00	6.20	7.00	6.00	7.29	53.64	" "
Baltimore	5.62	5.00	5.35	2.00	1.92	30.00	29.12	6.80	51.19	" "
Baltimore	8.14	10.00	10.00	3.00	3.25	12.00	11.04	5.84	61.73	" "
Owings Mills	8.01	10.00	10.01	3.00	4.01	12.00	11.63	7.10	59.24	" "
Baltimore	6.56	5.00	5.35	1.50	1.54	28.00	27.00	6.73	52.82	" "
Owings Mills	8.15	10.00	11.58	5.00	6.17	5.00	5.20	3.96	64.94	" "
Riderwood	7.26	41.00	40.28	5.00	6.27	11.00	9.87	6.71	29.61	" "
Sykesville	8.07	34.00	34.78	3.00	4.43	12.00	10.11	7.44	35.17	" "
Rising Sun	9.37	24.00	25.29	3.00	4.59	12.00	10.29	7.30	43.16	" "
Mt. Airy	9.30	24.00	24.64	3.00	4.33	12.00	9.90	6.84	44.99	" "
Rising Sun	11.26	20.00	21.45	3.00	4.65	14.00	7.67	6.59	48.38	" "
Rising Sun	8.07	20.00	21.47	3.00	4.40	14.00	8.03	7.02	51.01	" "
Taneytown	9.49	15.50	16.94	3.50	4.56	8.00	4.67	11.03	53.31	" "
Mt. Airy	9.51	19.00	19.74	3.50	4.14	8.00	7.73	10.12	48.76	" "

A—Also detected Cracked Green Peas.
B—Ingredients & Fibre guarantee on sack differ from license. Also detected Oats & Sunflower Seed.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ralston Purina Co., St. Louis, Mo. (cont)	Purina Broiler Chow
" "	Purina Lay Chow
" "	Purina Bulky Las Chow (Buffalo Mill)
" "	Purina Bulky Las Chow (Buffalo Mill)
" "	Purina Pig & Hog Chow
" "	Purina Omolene Chow
" "	Purina Turkey Growing & Fattening Chow
" "	Purina Turkey Growing & Fattening Chow
M. G. Rankin & Co., Milwaukee, Wis.	‡Wheat Bran, with Ground Screenings N.Ex.M.R.
A. F. Rees, Hanover, Pa.	Meat Scrap
Reindollar Co., Taneytown, Md.	16% Sweet Dairy Feed
" "	*20% Dairy Ration
" "	Egg Mash
" "	Pig & Hog Meal
" "	Pure Winter Wheat Bran
" "	Winter Wheat Middlings, with Mill Run of Scourings
Richards Milling Co., Cortland, Ohio	*‡Dairy Feed
" "	*16% Dairy Feed
" "	Horse Feed
" "	‡Hog Meal
" "	Fancy Winter Wheat Middlings
" "	Special Chop
Richardson Bros., Westminster, Md.	Richbro Walck Laying Mash
" "	Richbro Growing Mash
" "	Richbro Hog & Pig Meal
Daniel Rider, Baltimore, Md.	Winner 16% Dairy Feed
Walter Roberts, Inc., Alexandria, Va.	Egg Mash
Robinson Bros., Cardiff, Md.	32% Dairy Ration
" "	32% Dairy Ration
" "	*20% Dairy Ration
" "	*Laying Mash
Ronck & Bevis Co., Philadelphia, Pa.	Ro-Be Fish Meal
" "	‡Ro-Be Fish Meal
" "	Ro-Be Fish Meal
" "	Ro-Be Fish Meal
" "	Ro-Be Fish Meal
" "	‡Menhaden Fish Meal
" "	Ro-Be Crab Meal
" "	Ro-Be Pure Condensed Buttermilk
Sigmond Rothschild Co., Houston, Texas	41% Protein Cottonseed Meal

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Mt. Airy	9.02	18.00	19.39	4.00	5.07	7.00	4.97	7.83	52.82	As declared on sack
Taneytown	10.35	17.00	20.23	2.50	4.72	8.00	6.42	11.84	46.44	" "
Rising Sun	8.05	9.00	10.02	1.30	3.76	15.00	13.08	7.74	57.35	" "
Mt. Airy	8.05	9.00	12.69	1.30	3.80	15.00	12.88	7.56	55.02	" "
Taneytown	8.60	36.00	38.15	3.00	5.05	14.00	10.53	9.84	27.83	" "
Baltimore	9.75	10.00	12.12	3.20	3.88	9.00	7.34	3.72	63.19	" "
Mt. Airy	8.02	21.00	21.38	3.50	3.56	8.00	5.55	8.03	52.46	" "
Ellicott City	10.81	21.00	21.39	3.50	4.88	8.00	6.06	7.48	49.38	" "
La Plata	9.18	14.00	15.18	4.00	3.68	12.00	8.99	6.04	56.93	" "
Taneytown	7.40	50.00	53.18	10.00	13.10	2.25	1.83	24.45	.04	" "
Taneytown	10.79	16.00	15.94	3.00	3.02	11.00	11.68	7.34	51.23	" "
Taneytown	12.28	20.00	22.55	4.00	2.46	12.50	8.73	7.34	46.64	" "
Taneytown	10.10	20.00	21.59	4.00	4.53	8.00	5.71	13.64	44.43	" "
Taneytown	9.63	16.50	18.25	4.50	4.43	7.00	5.89	9.64	52.16	" "
Taneytown	9.43	14.00	15.18	4.00	3.81	9.00	10.75	8.70	52.13	" "
Taneytown	9.96	16.00	17.38	4.50	4.63	5.00	5.26	5.25	57.52	" "
Oakland	10.72	24.00	21.72	4.50	4.71	10.00	9.22	6.37	47.26	A.
Cumberland	8.97	16.00	15.72	4.00	2.63	12.00	16.76	6.74	49.18	As declared on sack
Oakland	10.15	9.00	10.21	3.00	3.09	10.00	5.41	2.65	68.49	A.
Oakland	9.46	16.00	16.23	4.00	6.17	8.00	6.52	5.64	55.98	A.
Oakland	9.54	15.00	16.76	3.00	3.52	10.00	3.29	3.40	63.49	As declared on sack
Cumberland	9.27	8.00	9.83	3.00	4.77	12.00	10.59	5.37	60.17	" "
Westminster	8.75	20.00	20.88	5.00	4.99	9.00	7.51	9.10	48.77	" "
Westminster	9.27	16.00	17.38	4.50	5.05	4.50	3.98	6.69	57.63	" "
Westminster	9.02	15.00	17.11	5.00	6.04	7.00	6.05	6.05	55.73	A.
Baltimore	10.44	16.00	16.97	3.00	3.83	11.00	11.02	8.02	49.72	As declared on sack
Park Hall	8.94	19.00	19.74	4.00	3.89	8.00	6.79	12.67	47.97	" "
Darlington	7.44	32.00	32.79	5.00	4.92	9.50	8.63	7.82	38.40	" "
Cardiff	6.88	32.00	32.14	5.00	5.62	9.50	8.18	8.04	39.14	" "
Cardiff	8.13	20.00	20.92	4.50	3.88	10.00	8.81	8.16	50.10	" "
Cardiff	9.78	20.00	20.01	4.75	4.16	10.00	5.17	10.20	50.68	" "
Cambridge	6.27	55.00	58.45	5.00	11.01	3.00	1.41	19.06	3.80	" "
Pocomoke City	7.11	55.00	60.11	5.00	6.88	3.00	.49	15.31	10.10	" "
Federalsburg	8.59	55.00	61.95	5.00	5.73	3.00	.44	16.27	7.02	" "
St. Michaels	8.62	55.00	62.48	5.00	6.99	3.00	.42	17.18	4.31	" "
Denton	6.74	55.00	58.00	5.00	10.94	3.00	.68	19.94	3.70	" "
Berlin	7.16	50.00	51.77	4.00	4.74	5.00	4.31	29.48	2.54	" "
Hagerstown	8.40	31.00	37.91	1.00	3.07	8.00	8.35	37.10	5.17	" "
Cambridge	70.20	10.00	10.00	2.00	§3.10	*27.00	†28.77	.....	.....	" "
Baltimore	6.43	41.00	40.89	5.00	6.43	14.00	14.41	5.53	26.31	" "

A—Ingredients on sack differ from license.
**Total Solids.
§ Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
C. E. Routzahn, Breathedsville, Md.	Dairy Feed
" "	Dairy Feed
" "	Hog Feed
" "	Pure Wheat Bran
" "	Pure Wheat Middlings
Russell-Miller Milling Co., Minneapolis, Minn.	Hard Wheat Occident Flour Middlings
" "	Hard Wheat Occident Standard Middlings
" "	Alta Hard Wheat Middlings
" "	Alta Hard Wheat Middlings
St. Michaels Milling Co., St. Michaels, Md.	Quillens Laying Mash
" "	Quillens Growing Mash, with BM. & Cod Liver Oil
" "	‡Quillens Turkey Growing Mash
Wm. Schluderberg-T. J. Kurdle Co., Balto., Md,	‡Esskay Quality Pork Cracklings
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Meat Scrap
" " "	Esskay Quality Digester Tankage
" " "	*Esskay Quality Digester Meat Meal
Seaboard Products, Inc., Baltimore, Md.	Meat Scrap
" "	*50% Meat & Bone Scrap
" "	45% Meat & Bone Scrap
" "	*Terrapin Brand Fish Meal
Charles H. Seward, Raspeburg, Md.	‡Golden Glow Laying Mash
" " "	‡Superior Scratch Grains
Chas. R. Shoemaker, Inc., Philadelphia, Pa.	Pureox Brand 55% Beef & Bone Scrap
" "	Pureox Brand 55% Beef & Bone Scrap
" "	Pureox Brand 55% Beef & Bone Scrap
" "	Pureox Brand 55% Beef & Bone Scrap
" "	Belgrade Brand 50% Beef & Bone Scrap
" "	Belgrade Brand 50% Beef & Bone Scrap
" "	Belgrade Brand 50% Beef & Bone Scrap
" "	‡Belgrade Brand 50% Beef & Bone Scrap
" "	Echo Brand 45% Meat & Bone Scrap
" "	‡Echo Brand 45% Meat &Bone Scrap
" "	‡Brawn Brand No. 2 20% Poultry Bone
M. L. Shoemaker & Co., Inc., Phila., Del,	"Swift Sure" 55% Ground Beef Scraps
" "	"Swift Sure" 50% Ground Meat & Bone Scraps
W. G. Slugg, Milwaukee, Wis.	Pure Dried Skim Milk Feed
Southwestern Milling Div. of Stand. Milling Co., Kansas City, Mo.	Red Turkey Pure Wheat Bran

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Breathedsville	10.96	16.00	16.06	3.00	4.05	8.00	9.24	4.68	55.01	A.
Breathedsville	10.94	16.00	15.88	3.00	3.59	8.00	7.89	3.93	57.77	As declared on sack
Breathedsville	10.46	17.00	17.02	4.00	4.63	5.00	4.68	5.30	57.91	" "
Breathedsville	10.20	15.00	15.97	4.00	4.04	8.00	8.59	6.97	54.23	" "
Breathedsville	11.69	15.00	15.97	3.00	3.37	3.00	3.91	3.78	61.28	" "
Westminster	10.43	15.50	19.66	4.50	4.70	5.00	4.69	4.01	56.51	" "
Mardela Sprin	10.79	15.00	18.78	4.00	5.84	9.50	7.48	5.00	52.11	" "
White Hall	9.80	15.00	19.13	4.50	5.30	8.50	6.91	3.83	55.03	" "
Westminster	10.17	15.00	19.74	4.50	5.43	8.50	6.92	4.95	52.79	" "
St. Michaels	8.24	20.00	20.18	5.00	4.96	7.00	6.09	9.10	51.43	" "
St. Michaels	8.17	16.00	17.20	4.00	4.85	6.00	5.38	8.10	56.30	" "
St. Michaels	9.25	18.00	22.11	4.50	4.80	7.00	6.47	10.44	46.93	" "
Salisbury	8.23	72.00	80.21	10.00	10.75	5.00	.83	4.80	....	" " B.
Baltimore	6.71	55.00	55.64	6.00	9.73	5.00	2.77	23.92	1.23	" "
Baltimore	7.60	50.00	51.25	6.00	8.77	5.00	2.21	30.05	.12	C.
Baltimore	5.58	50.00	51.34	6.00	9.84	5.00	2.41	28.52	2.31	C.
Hagerstown	6.54	45.00	46.77	6.00	8.98	5.00	2.15	35.50	.06	C.
Chewsville	6.03	60.00	61.95	8.00	8.01	5.00	1.53	20.10	2.38	As declared on sack
New Windsor	8.15	46.00	44.05	10.00	11.09	5.00	1.29	35.22	.20	D.
Baltimore	5.83	55.00	55.99	6.00	10.42	3.00	2.26	24.60	.90	E.
Baltimore	6.73	50.00	48.97	6.00	11.96	3.00	2.36	29.85	.13	As declared on sack
Bel Air	6.30	45.00	46.25	6.00	9.98	3.00	2.10	32.18	3.19	" "
Baltimore	8.31	55.00	60.29	6.00	4.93	2.00	.46	17.42	8.59	" "
Raspeburg	8.98	20.00	21.59	5.00	4.73	7.00	5.25	11.90	47.55	" "
Raspeburg	11.33	10.00	10.18	2.50	2.89	5.00	2.39	1.50	71.71	" "
Cambridge	6.54	55.00	59.23	10.00	11.79	2.00	2.39	19.93	.12	" "
Princess Anne	6.60	55.00	59.32	10.00	11.32	2.00	2.64	20.10	.02	" "
Cambridge	5.99	55.00	56.69	10.00	12.31	2.00	2.51	20.93	1.57	" "
Denton	5.89	55.00	55.11	10.00	12.41	2.00	2.00	24.00	.59	" "
Cambridge	5.82	50.00	49.93	10.00	11.84	2.00	2.08	28.38	1.95	" "
Princess Anne	5.99	50.00	50.02	10.00	10.93	2.00	2.17	27.67	3.22	" "
Cambridge	5.86	50.00	51.25	10.00	12.18	2.00	2.50	27.53	.68	" "
Berlin	6.51	50.00	51.33	10.00	12.99	2.00	1.85	24.87	2.45	" "
Salisbury	5.10	45.00	45.02	10.00	12.49	2.00	2.09	32.34	2.96	" "
Cambridge	5.43	45.00	45.45	10.00	14.59	2.00	2.21	30.28	2.04	" "
Berlin	6.77	20.00	28.43	....	....	....	....	56.90	....	" "
Princess Anne	4.78	55.00	64.15	6.00	13.24	3.00	1.69	15.93	.21	" "
Princess Anne	5.95	50.00	50.02	6.00	11.81	3.00	1.71	26.14	4.37	" "
Pocomoke City	....	30.00	35.72	.50	X.66	....	....	8.20	....	" "
Brunswick	8.57	14.50	16.85	3.50	4.40	11.00	8.75	6.84	54.59	" "

A—Ingredients on sack differ from license.
B—Protein guarantee on sack differs from license.
C—Should be designated as Meat & Bone Scrap.
D—Should be designated as Digester Meat & Bone Meal. Also detected a large amount of Vegetable Material.
E—Also detected A large amount of Hair and-or Wool.
X Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.	34% Protein Pure O.P. Linseed Meal
Sprngfield Roller Mills, Sykesville, Md.	Hering's Laying Mash
A. E. Staley Manufacturing Co., Decatur, Ill.	Corn Gluten Feed
John T. Stanley Co., Inc., New York, N. Y.	Meat & Bone Scrap
Star Food & Remedy Co., Washington, D. C.	Golden Glow Dairy Ration
" " "	Laying Mash, with Milk
" " "	Laying Mash, with Milk
" " "	Growing Mash, with BM.
" " "	85% Horse Feed
" " "	High Grade Pigeon Feed
State Mill & Elevator, Grand Forks, N. D.	‡Dakota Maid Pure Bran
" " "	‡Dakota Maid Standard Middlings with M.R.S
E. Steen & Bro. Baltimore, Md.	Lady Maryland Dairy Feed
" " "	Milk Producer Dairy Feed
" " "	Little Boy Blue Dairy Feed
" " "	Blue Bird Laying Mash
" " "	Blue Bird Laying Mash
" " "	Golden Goose Laying Mash, with BM.
" " "	Golden Goose Laying Mash, with BM.
" " "	Golden Goose Fancy Growing Mash, with BM.
" " "	Golden Goose All-Mash, with BM., Cod Liver Oil, Minerals, Chick-to-Broiler-Age Ration
" " "	Golden Goose Fattener Mash
" " "	Arundel Hog Grower
" " "	Golden Goose Brand Scratch Feed
" " "	Golden Goose Developer Scratch Grains
D. A. Stickell & Sons, Inc., Hagerstown, Md.	*Su-Pur Sweet 32% Mixing Ration
" " "	Dairy Queen Sweet 20% Milk Maker
" " "	Dairy Queen Sweet 20% Milk Maker
" " "	‡Su-Pur 16% Dairy & Fitting Ration
" " "	Zip Sweet 16% Dairy Feed
" " "	Blue Ridge Egg Mash
" " "	Su-Pur Growing Mash
" " "	‡Horse & Mule Feed
" " "	Su-Pur Pigeon Feed, No Corn
F. W. Stock & Sons, Hillsdale, Mich.	Bran, with M.R.S.
" " "	Middlings
Chas. M. Struven Co., Baltimore, Md.	Fish Meal
" "	Fish Meal
" "	Fish Meal
" "	Fish Meal
" "	Fish Meal

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS	
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND				
Taneytown	9.46	34.00	35.45	4.50	5.08	10.00	8.13	5.89	35.99	As declared on sack	
Sykesville	8.28	20.00	20.63	4.00	5.69	8.00	6.94	9.12	49.34	"	"
Washington Gr	8.96	25.00	27.47	1.00	1.54	8.00	5.77	5.96	50.30	"	"
Cumberland	6.62	45.00	46.86	10.00	11.43	3.00	2.55	27.63	4.91	"	"
Beltsville	8.07	22.00	26.24	4.50	5.62	12.00	10.21	5.12	44.74	"	"
Gaithersburg	9.28	20.00	20.80	4.50	6.36	7.00	5.75	9.52	48.29	"	"
Beltsville	9.18	20.00	20.09	4.50	6.09	7.00	5.75	9.25	49.64	"	"
Gaithersburg	9.14	16.00	18.25	4.00	5.79	7.00	5.60	7.60	53.62	"	" G
Beltsville	9.55	8.00	10.52	1.00	3.37	12.00	7.51	3.14	65.91	"	"
Bethesda	11.07	12.00	13.16	3.00	2.85	4.00	3.74	2.10	67.08	"	"
Washington Gr	8.80	15.00	18.87	5.00	5.79	12.00	9.70	6.78	50.06	"	"
Baltimore	9.88	16.00	17.81	5.00	5.03	6.00	6.31	4.04	56.93	"	" A
Baltimore	8.01	24.00	25.12	4.00	5.19	9.00	8.77	7.85	45.06	C.	
Baltimore	8.42	20.00	21.61	3.50	5.27	12.00	9.34	8.22	47.14	D.	
Baltimore	9.34	16.00	17.93	3.50	4.76	6.00	9.13	9.06	49.78	C.	
Bel Air	9.40	18.00	18.08	4.00	5.20	10.00	4.38	7.84	55.10	E.	
Baltimore	9.03	18.00	17.99	4.00	5.03	10.00	4.17	7.82	55.96	As declared on sack	
Bel Air	9.93	20.00	21.50	4.00	4.86	9.00	4.53	7.27	51.91	"	"
Baltimore	8.73	20.00	21.06	4.00	5.73	9.00	4.66	8.05	51.77	"	"
Baltimore	8.47	18.00	19.83	4.00	5.50	8.50	5.13	8.22	52.85	"	"
Baltimore	9.58	15.00	16.32	4.00	4.46	5.00	5.43	7.22	56.99	"	"
Baltimore	8.73	13.00	14.30	4.50	5.36	6.00	3.30	4.16	64.15	"	"
Baltimore	8.11	16.50	17.72	4.50	4.84	7.00	6.30	5.04	57.99	"	"
Fullerton	9.33	10.00	10.09	2.50	3.14	5.00	3.01	1.17	73.26	"	"
Clinton	11.04	9.00	10.09	2.50	2.40	4.00	1.94	1.58	72.95	"	"
Rising Sun	8.73	32.00	30.94	4.50	5.78	10.00	9.29	8.51	36.75	"	"
Rising Sun	8.26	20.00	20.62	3.50	4.58	10.00	7.61	8.03	50.90	"	"
Hagerstown	9.03	20.00	21.30	3.50	4.29	10.00	7.23	8.17	49.98	"	"
Baltimore	9.34	16.00	18.97	3.00	3.93	11.00	7.94	8.05	51.77	"	"
Hagerstown	8.98	16.00	16.29	3.00	3.36	12.00	12.06	7.84	51.47	F.	
Hagerstown	8.55	20.00	21.50	5.00	5.47	6.00	5.48	10.40	48.60	As declared on sack	
Hagerstown	8.55	17.00	18.43	4.00	4.55	6.00	5.94	10.67	51.86	"	"
Baltimore	8.45	9.00	8.57	2.50	2.40	12.00	9.34	4.50	66.74	"	"
Baltimore	10.57	10.00	15.97	3.00	4.08	3.00	4.44	2.30	62.64	"	"
Cumberland	8.48	17.00	18.87	4.00	4.99	10.00	8.96	5.73	52.97	"	"
Cumberland	10.41	17.00	19.31	4.00	4.05	7.00	4.13	3.34	58.76	"	"
Princess Anne	5.99	55.00	57.30	4.00	11.01	2.00	1.00	21.39	3.31	"	"
Gaithersburg	6.28	55.00	57.30	4.00	9.58	2.00	1.35	20.88	4.61	"	"
Rising Sun	6.18	55.00	54.28	4.00	10.75	2.00	.93	23.00	4.86	"	"
Linwood	6.96	55.00	55.86	4.00	9.58	2.00	1.43	23.46	2.71	"	"
Princess Anne	6.80	55.00	56.34	4.00	9.35	2.00	1.13	22.65	3.73	"	"

A—Protein; Fat & Fibre guarantee on sack differ from license.
B—Fibre guarantee on sack differs from license.
C—Also detected Peanut Skin Meal.
D—Also detected Peanut Skin Meal.Screnings are not ground sufficiently.
E—Also detected Corn Gluten Feed.
F—Ingredients on sack differ from license.
G—Protein guarantee on sack differs from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Suffolk Oil Mill, Inc., Suffolk, Va.	Peanut Meal
" "	Peanut Meal
Supplee—Wills—Jones Milk Co., Phila., Pa.	Roller Process Skim Milk Powder
Swift & Co., Chicago, Ill.	*Blood Flour
" " "	Fifty-Five Meat Scraps
" " "	Fifty-Five Meat Scraps
" " "	*Fifty-Five Meat Scraps
" " "	Fifty-Five Meat Scraps
" " "	*Fifty-Five Meat Scraps
" " "	Meat & Bone Scraps
" " "	Meat & Bone Scraps
" " "	Meat & Bone Scraps
" " "	Meat & Bone Scraps
" " "	Meat & Bone Scraps
" " "	Laymore Meat & Bone Scraps
" " "	Special Bone
Taneytown Grain & Supply Co., Taneytown, Md.	Taney Laying Mash
" " "	Taney Pig & Hog Feed
Theobald Animal-Products Ref. Kearny, N. J.	‡Production Brand Meat & Bone Scrap
" " "	Production Brand Meat & Bone Scrap
" " "	‡Production Brand Meat & Bone Scrap
Thomas & Co., Frederick, Md.	Excelsior Dairy Feed
" "	Economy Dairy Feed
" "	Makan-Egg
" "	Makan-Egg
" "	Makan-Egg
" "	Gro-Quik
" "	Gro-Quik
Thurmont Milling & Supply Co., Thurmont, Md.	Pure Wheat Bran
" " "	†Wheat Middlings, with M.R.S.
J. T. Towson & Son, Smithsburg, Md.	Laying Mash
Transit Milling Co., Galveston, Texas	Texas Bull Brand Cottonseed Meal 41% Protein—Prime Quality
" "	Texas Bull Brand Cottonseed Meal 41% Protein—Prime Quality
" "	
" "	Tranco Brand 41% Protein Cottonseed Meal
Jacob Trinley & Sons., Linfield, Pa.	Favorite Laying Mash
Ubiko Milling Co., Cincinnati, Ohio	Union Grains Ubiko 32% Sweet Dairy Ration
" "	Union Grains Ubiko 24% Sweet Dairy Ration
" "	‡Commercial Laying Mash

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Means Deficient in Protein and Fat.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Baltimore	8.57	41.00	41.42	6.00	7.87	8.00	5.95	5.88	30.31	As declared on sack
Ellicott City	5.66	41.00	41.94	6.00	8.41	8.00	6.47	5.20	32.32	" "
Hagerstown	.....	30.00	35.98	.50	x.84	.....	.....	7.89	.....	" "
Frederick	15.22	80.00	77.14	.....	.....	3.00	.41	5.40	.....	" "
Westminster	6.62	55.00	55.29	6.00	12.02	3.00	2.60	22.72	.75	" "
Baltimore	5.81	55.00	56.60	6.00	11.37	3.00	2.44	23.53	.25	" "
Westminster	6.48	55.00	52.79	6.00	11.32	3.00	2.21	29.06	.....	D.
Princess Anne	6.88	55.00	54.58	6.00	12.26	3.00	2.77	22.69	.82	As declared on sack
Baltimore	6.15	55.00	53.35	6.00	10.73	3.00	2.29	27.04	.44	" "
Baltimore	5.56	50.00	51.78	6.00	11.26	3.00	2.06	27.13	2.21	" "
Walkersville	6.43	50.00	50.81	6.00	10.50	3.00	2.22	29.70	.34	" "
Princess Anne	6.05	50.00	50.55	6.00	10.66	3.00	2.79	28.32	1.63	" "
Baltimore	7.45	50.00	50.02	6.00	10.82	3.00	2.62	28.84	.25	" "
Baltimore	6.50	50.00	49.41	6.00	11.23	3.00	2.37	29.64	.85	" "
Baltimore	7.08	45.00	48.53	6.00	9.82	3.00	2.21	31.46	.90	" "
Westminster	.....	5.00	7.28	.....	.....	3.00	2.49	84.63	.....	" "
Taneytown	9.12	18.00	20.18	4.50	5.61	6.75	5.42	9.16	50.51	" "
Taneytown	9.55	18.00	21.80	4.25	4.72	6.75	7.87	6.49	49.57	" "
Baltimore	5.62	55.00	56.34	5.00	10.93	3.00	3.26	23.48	.37	" "
Baltimore	5.93	50.00	54.85	5.00	10.06	3.00	3.80	22.88	2.48	A.
Baltimore	5.37	45.00	50.37	5.00	12.26	3.00	4.04	25.04	2.92	A.
Gaithersburg	8.93	24.00	24.31	5.00	5.02	9.00	9.03	7.42	45.29	As declared on sack
Gaithersburg	9.07	20.00	22.46	4.50	4.57	9.00	10.16	6.58	47.16	B.
Gaithersburg	8.93	20.00	19.92	5.00	4.98	9.00	7.02	9.43	49.72	As declared on sack
Union Bridge	9.47	20.00	20.27	5.00	5.32	9.00	7.12	9.53	48.29	C.
Gaithersburg	8.51	20.00	20.01	5.00	5.02	9.00	5.98	7.68	51.80	C.
Gaithersburg	7.19	18.00	19.57	4.50	4.64	9.00	7.11	8.13	53.36	C.
Gaithersburg	8.87	18.00	19.22	4.50	4.82	9.00	6.18	8.20	52.71	C.
Thurmont	10.35	14.00	15.62	4.00	4.09	13.00	7.85	6.73	55.36	As declared on sack
Thurmont	11.60	15.00	13.60	4.50	2.85	5.00	2.30	1.82	67.83	" "
Smithsburg	9.02	20.00	20.27	4.00	4.24	9.00	6.41	12.10	47.96	C.
Union Bridge	7.76	41.00	42.12	5.00	6.68	11.00	10.86	5.18	27.40	As declared on sack
White Hall	7.53	41.00	42.82	5.00	9.94	11.00	10.57	5.87	23.27	" "
Sykesville	7.62	41.00	41.59	5.00	6.37	11.00	12.58	5.50	26.34	" "
Baltimore	10.29	18.00	18.06	4.00	5.27	7.00	7.42	6.90	52.06	" "
Frederick	8.77	32.00	32.47	4.00	4.47	10.00	8.07	9.43	36.79	" "
Frederick	10.26	24.00	24.14	4.50	4.05	10.00	8.47	10.09	42.99	" "
Frederick	8.51	18.00	19.66	3.50	5.33	8.00	6.38	9.26	50.86	" "

A—Also detected appreciable amount of Hair and- or Wool.
B—Also detected Beet Pulp.
C—Ingredients on sack differ from license.
D—Should be designated as Meat & Bone Scrap.
X Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
Ubiko Milling Co., Cincinnati, Ohio (Cont.)	All-Mash Complete Laying Ration
" "	‡Honey Comb Fitting Ration
" "	‡Calf Meal
" "	‡Glendale Scratch Feed
" "	‡Scratch Feed
Union Sales Corp., Distributor for Union Starch & Refining Co., Col., Ind.	Union Corn Gluten Feed
United Milling Corp., Roscoe, Calif.	*Sun Cured Alfalfa Greens
" "	Sunshine Leaf Meal
" "	*Sunshine Leaf Meal
Universal By-Products Co., San Francisco, Cal.	*"22"Universal Pure Dried Buttermilk
Van Iderstine Co., Long Island City, N. Y,	Vico High Protein Meat Scraps
" " "	Vico High Protein Meat Scraps
" " "	Vico Quality Meat & Bone Scraps
Vitality Mills, Inc., Chicago, Ill.	*Sweet Honey Bee Dairy Feed
" "	C-Er-Pay Laying Mash
" "	Sunflower Egg Mash
" "	Egg Builder Mash
" "	Honey Bee Horse Feed
" "	Advance Stock Feed
Wabash Roller Mill Co., Wabasha, Minn.	Big Jo Pure Wheat Bran
C. B. Watkins & Co., Baltimore, Md.	Foxhall Laying Mash
" "	Foxhall Hog Feed
Weigel Bros., Oxford, Pa.	*Soft Winter Wheat Middlings
F. S. Wertz & Son, Reading, Pa.	‡Horse Feed, with Alfalfa & Molasses
Westover Mills, Westover, Md.	‡Perfection Laying Mash
" "	‡Perfection Laying Mash
" "	Perfection Laying Mash
" "	Growing Mash
" "	*‡Growing Mash
" "	‡Hog Feed
Wheeler Supply Co., Glyndon, Md.	Special Laying Mash
" "	"Glyco" Growing Mash
Wilkins-Rogers Milling Co., Inc., Wash., D. C.	Grassy Mead 26% Dairy Feed
" " "	Washington Egg Mash
" " "	Washington Egg Mash
" " "	*‡Washington Fattening Mash
" " "	Washington Pure Wheat Middlings
" " "	Washington Turkey Mash

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Frederick	8.95	16.00	17.20	3.50	4.37	6.00	5.98	8.81	54.69	As declared on sack
Frederick	8.14	12.00	12.97	2.50	2.68	15.00	16.01	9.33	50.87	" "
Frederick	9.74	28.00	28.17	3.00	2.97	3.00	2.46	7.10	49.56	" "
Frederick	10.65	9.00	10.79	2.50	3.07	5.00	2.18	1.41	71.90	A.
Frederick	10.18	9.00	9.30	2.50	3.27	5.00	1.61	1.64	73.00	B.
Providence	7.96	25.00	28.08	1.00	2.02	8.00	5.77	6.08	50.09	As declared on sack
Princess Anne	7.32	20.00	17.02	3.00	2.50	18.00	19.66	12.11	41.39	" "
St. Michaels	7.32	20.00	19.22	3.00	2.91	18.00	21.02	12.28	37.25	" "
Denton	8.37	20.00	17.36	3.00	3.28	18.00	18.98	11.52	40.49	" "
Baltimore	.....	32.00	32.51	5.05	x1.28	.....	.....	8.54	.....	" "
Keymar	5.85	55.00	57.04	5.00	10.83	3.00	3.31	22.77	.20	" "
Detour	5.75	55.00	55.90	5.00	10.72	3.00	3.01	24.50	.12	" "
Keymar	5.59	50.00	52.04	5.00	10.32	3.00	3.29	27.42	1.34	" "
Hancock	9.43	16.00	16.16	4.00	2.90	12.00	10.30	10.83	50.38	" "
Hancock	8.59	18.00	17.67	3.50	4.26	8.00	6.25	10.77	52.46	" "
Hancock	8.00	20.00	19.38	4.50	4.74	8.00	5.28	10.79	51.81	" "
Hancock	9.68	18.00	17.46	4.50	4.23	7.50	5.92	10.73	51.98	" "
Hancock	9.37	9.00	11.03	3.00	4.09	10.00	6.39	4.55	64.57	" "
Hancock	9.17	7.00	8.95	2.00	2.84	12.00	10.92	8.03	60.09	" "
Baltimore	8.35	15.50	17.02	4.30	5.77	12.00	11.04	7.40	50.42	E.
Baltimore	8.32	20.13	21.67	4.85	5.54	8.25	8.65	9.54	46.28	" "
Baltimore	8.78	15.25	18.60	2.98	5.59	7.33	8.73	7.66	50.64	" "
Rising Sun	10.88	14.00	14.04	4.00	2.90	8.00	3.07	3.14	65.97	" "
Baltimore	9.61	9.00	10.68	2.00	3.39	10.00	7.85	3.36	65.11	" "
Westover	9.08	19.00	19.57	4.00	5.55	6.00	6.46	9.54	49.80	D.
Westover	11.09	20.00	20.45	4.50	4.47	8.00	6.03	8.22	49.74	E.
Westover	8.77	20.00	20.09	4.50	5.43	6.00	6.69	8.62	50.40	" "
Westover	8.66	16.00	15.97	4.00	3.87	6.00	4.63	6.49	60.38	C.
Westover	8.91	16.00	14.74	4.00	4.53	6.00	7.21	7.50	57.11	As declared on sack
Westover	10.56	16.50	16.50	4.00	4.66	7.00	5.85	5.82	56.61	" "
Glyndon	8.68	20.00	22.11	4.50	5.60	7.00	10.19	8.86	44.56	" "
Glyndon	9.94	16.00	18.78	3.50	5.08	7.50	8.36	6.77	51.07	" "
Rockville	9.92	26.00	26.32	5.00	4.55	9.00	8.76	6.38	44.07	" "
Rockville	9.12	22.00	23.52	5.00	5.65	8.00	5.00	12.02	44.69	C.
Aberdeen	9.03	22.00	23.69	5.00	5.60	8.00	4.48	13.55	43.65	As declared on sack
Baltimore	12.47	18.00	18.69	5.00	4.15	6.00	7.61	6.00	51.08	" "
Rockville	10.28	15.50	15.88	4.00	4.08	7.00	4.84	4.48	60.44	" "
Baltimore	9.17	18.00	18.43	5.00	6.82	5.00	4.82	7.44	53.32	" "

A—Unable to detect Oats and Barley.
B—Unable to detect Barley.
C—Ingredients on sack differ from license
D—Protein and Fat guarantee on sack differ from license.
E—Fibre guarantee on sack differs from license.
X Fat as determined by the Roese-Gottlieb Method.

MANUFACTURER AND ADDRESS	NAME OF FEED
York Roller Mills Co., York, Pa.	Wheat Middlings, with G.S.
Allied Mills, Inc., Chicago, Ill.	Wayne Dog Food (Complete)
Austin Dog Bread & Animal Food Co., Chelsea, Mass.	Flakes
" " "	Puppy Biscuit
Battle Creek Dog Food Co., Battle Creek, Mich.	*Miller's A. I. Puppy Meal
" " "	Miller's A. I. Ration
" " "	*Miller's Kibbles
" " "	Miller's Quick Lunch
California Animal Products Co., Oakland, Calif.	‡Calo Dog Food
Champion Animal Food Co., Minn., Minn.	‡Kibbled Dog Food
Chappel Bros., Inc., Rockford, Ill.	*Kib-L-Biskit
" "	Ken-L-Biskit
" "	Ken-L-Ration
" "	‡Ken-L-Ration
M. J. Conner Co., Battle Creek, Mich.	Ready-to-Feed Cooked Dog Food
Consolidated By-Products Co., Phila., Pa.	Marco Beef Ration Dog & Cat Food
Derwood Mill, Derwood, Md.,	Dog Feed
Albert Dickinson Co., Chicago, Ill.	Dog Food
" "	‡Dog Food
Dietrich & Gambrill, Inc., Frederick, Md.	Dog Biscuits
Doyle Packing Co., Los Angeles, Calif.	*Strongheart Dog Food
Foster Canning Co., Brooklyn, N. Y.	*Dr. Oldings Brand Pet Ration
" "	*‡Dr. Olding Brand Pet Ration
Gaines Food Co., Sherburne, New York	Meat & Milk Meal Cooked
" " "	Meat & Milk Meal Cooked
Kasco Mills, Inc., Waverly, N. Y.	‡Dog Food (Cubed)
Kennel Food Supply Co., Fairfield, Conn.	Puppy Biscuit
" "	‡Puppy Meal
" "	Cero-Meato
" "	Cod Liver Oil Vegetable & Meat Biscuits
" "	‡K-9 Food
" "	Plain Biscuits
" "	‡Terrier Food, with Meat

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Taneytown	11.07	14.50	15.88	4.00	4.01	5.10	5.05	4.08	59.91	As declared on sack
Cumberland	8.62	30.00	31.59	4.00	6.10	4.00	3.34	8.04	42.31	As declared on pack.
Baltimore	7.73	16.00	18.95	1.00	1.21	2.00	.54	3.60	67.97	" "
Baltimore	7.96	18.00	22.11	1.00	2.78	2.00	.82	4.86	61.47	" "
Baltimore	7.04	15.00	19.04	1.70	1.12	1.30	.88	5.43	66.49	" "
Hagerstown	8.32	15.00	17.55	1.30	2.66	1.30	1.58	5.72	64.17	" "
Baltimore	6.89	15.00	18.87	1.70	1.14	1.30	.84	5.08	67.18	" "
Baltimore	73.66	10.00	9.80	2.00	3.34	.50	.53	1.79	10.88	" "
Frederick	70.55	10.00	9.82	2.25	2.22	.50	.64	10.48	6.29	" "
Baltimore	6.32	20.50	22.82	4.80	5.22	4.00	.64	5.74	59.26	" "
Frederick	6.77	20.00	22.82	2.00	1.40	2.00	1.68	4.94	62.39	" "
Baltimore	5.63	20.00	23.17	2.00	2.74	2.00	1.70	5.94	60.82	" "
Baltimore	64.08	10.00	12.79	2.00	2.76	2.00	.82	4.19	15.36	" "
Frederick	64.35	10.00	11.98	2.00	4.08	2.00	.69	10.00	8.90	" "
Frostburg	8.25	17.30	17.72	3.22	2.85	2.01	2.07	9.88	59.23	" " A
Frederick	73.63	10.50	12.11	3.00	3.49	1.00	.92	5.66	4.19	B.
Derwood	9.23	25.00	25.45	4.00	4.40	4.00	2.24	12.40	46.28	B.
Fullerton	7.78	22.00	22.29	4.50	5.39	3.50	4.16	10.26	50.12	B.
Fullerton	8.05	22.00	24.22	4.50	4.90	3.50	8.57	10.18	44.08	B.
Baltimore	9.29	18.00	22.11	2.50	2.51	2.00	2.01	8.50	55.58	B.
Frederick	75.26	11.34	7.33	2.86	4.82	.48	.65	3.76	8.18	As declared on pack.
Baltimore	67.17	10.00	12.86	3.50	2.66	1.00	2.20	2.05	13.06	" "
Hagerstown	69.84	10.00	8.90	3.50	4.83	1.00	.32	.96	15.15	" " can
Hagerstown	7.31	23.00	24.92	3.00	4.56	4.00	3.14	12.74	47.33	As declared on pack.
Baltimore	6.56	23.00	25.54	3.00	4.58	4.00	3.21	13.46	46.65	" "
Silver Spring	9.65	20.00	21.24	3.15	5.36	5.00	4.11	10.51	49.13	" "
Baltimore	8.15	19.80	20.18	1.40	1.20	.75	1.28	7.30	61.89	D.
Baltimore	6.99	18.00	19.31	1.00	2.52	2.00	2.82	4.05	64.31	" "
Hagerstown	8.79	18.00	22.38	1.00	2.55	4.00	2.10	8.84	55.34	" "
Baltimore	8.12	18.00	22.11	2.00	2.79	4.50	2.17	2.98	61.83	" "
Hagerstown	72.66	6.00	7.47	2.40	3.51	.60	.50	4.66	11.20	" "
Baltimore	8.43	14.00	16.41	1.00	1.32	2.00	2.56	6.59	64.69	" "
Baltimore	7.34	18.00	19.48	.90	1.37	3.00	.83	3.71	67.27	" "

A—Fat & Fibre guarantee on package differ from license.
B—Ingredients on package differ from license.
D—Protein; Fat and Fibre guarantee on package differ from license.

MANUFACTURER AND ADDRESS	NAME OF FEED
Loyal Packing Co., Chicago, Ill.	‡Dogland Ration Dog Feed
Maritime Milling Co., Inc., Buffalo, N. Y.	‡Hunt Club Vitamized Dog Food
Montana Horse Products Co., Butte, Mont.	‡Vitamont Dog Food
National Biscuit Co., New York, N. Y.	Bennett's Milk-Bone Puppy Food
" "	Bennett's Milk-Bone Dog Food
" "	Milk-Bone Crumbs
Nowak Milling Corp., Hammond, Ind.	Domino Dog-ets
Old Trusty Dog Food Co., Needham Hgts. Mass.	†All Terrier Food
" " "	*Bovex
" " "	*Puppy Meal
" " "	*Tit Bits
Pratt Food Co., Hammond, Ind.	Dog Food (Cubed)
" "	Dog Food (Cubed)
Schlesser Bros., Kenton Station, Oregon	‡Man-Kind Dog Food
Simpson Products Co., Terre Haute, Ind.	Doggie Dinner
" "	‡Doggie Dinner
Sturdy Dog Food Co., Inc., Syracuse, N. Y.	‡Dog Food
Swift & Co., Chicago, Ill.	‡Pard Dog Food

* Means Deficient in Protein or Fat.
‡ Not Licensed at time of Sale.
† Means Deficient in Protein and Fat.

MANUFACTURERS AND ADDRESS	NAME OF FEED
East Coast Trading Co., Baltimore, Md.	Oberco Soluble Minerals
Ronck & Bevis Co., Phila., Pa.	Ro-Be Feeding Minerals

SAMPLED FROM	Moisture	PROTEIN		FAT		FIBRE		Ash	Nitrogen Free Extract	INGREDIENTS
		Guaranteed	FOUND	Guaranteed	FOUND	Guaranteed	FOUND			
Cumberland	68.96	.....	39.40	.....	5.22	.....	.61	3.35	.....	As declared on pack.
White Hall	9.12	25.00	27.99	3.50	4.66	4.00	3.37	9.13	45.73	" "
Frederick	77.22	10.00	12.39	2.00	1.99	.50	.45	1.07	6.88	As declared on can
Frederick	7.31	17.00	19.74	1.00	1.43	2.50	1.53	4.27	65.72	As declared on pack.
Frederick	7.49	17.00	18.43	1.00	1.63	2.50	1.79	4.34	66.32	" "
Baltimore	8.84	17.00.	18.86	1.00	1.30	2.50	1.46	3.38	66.16	" "
Baltimore	8.23	21.00	28.52	4.00	5.06	3.00	3.24	7.72	47.23	" "
Baltimore	8.99	18.82	17.55	1.41	.40	.54	.73	2.56	69.77	" " A
Baltimore	68.46	10.60	10.96	5.20	4.08	.....	.49	1.70	14.31	" "
Baltimore	8.51	18.82	18.16	1.41	.78	.54	.87	3.20	68.48	" "
Baltimore	8.10	18.81	17.81	1.41	.65	.54	.95	2.43	70.06	" " B
Colora	8.65	20.00	21.94	3.00	6.00	5.00	3.44	9.53	50.44	" "
Centreville	10.60	20.00	21.58	3.00	5.89	5.00	3.12	9.36	49.45	" "
Princess Anne	73.01	11.00	11.88	2.50	2.60	.75	.52	1.10	10.89	" "
Frostburg	71.21	8.30	8.28	2.90	3.31	.26	.58	2.02	14.60	As declared on can
Baltimore	72.52	8.30	7.83	2.90	2.99	.26	.63	1.89	14.14	" "
Chestertown	7.11	20.00	25.45	2.50	3.78	5.00	2.79	9.20	51.67	As declared on pack.
Salisbury	71.63	10.50	11.56	2.50	11.84	.50	.53	1.84	2.60	As declared on can

A—Fibre guarantee on package dffers from license.
B—Fat & Fibre guarantee on package differ from license.

SAMPLED FROM	CALCIUM OXIDE CaO		PHOSPHORUS P_2O_5	
	Guaranteed	FOUND	Guaranteed	FOUND
Keymar	30.00	38.60	20.00	22.40
Denton	45.00	47.00	15.00	15.20

LIME ANALYSES

A detailed report of the results obtained in the inspection and analysis of agricultural liming materials from July 1, 1933 to January 1, 1934 is contained in pages 74 to 76, inclusive. Limes are considered seriously deficient with respect to chemical analysis when they are 1 per cent or more deficient in total oxides.

ANALYSES OF AGRICULTURAL BURNT LIME (OXIDES)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand & Insol. (no. Val.)	Total Oxides CaO+MgO
				Guaranteed	Found	Guaranteed	Found	Found	
3002	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Agricultural Lump Lime	Woodsboro	85.00	95.70	5.00	.95	.29	96.65
3022	Harry T. Campbell Sons Co., Towson, Md.	High Calcium Burned Lime	Texas	89.00	89.70	2.00	1.18	5.47	90.88
2993	Cavetown Planing Mill Co., Cavetown, Md.	Lump Lime	Cavetown	80.00	71.90	2.00	21.77	.76	93.67
2992	Cavetown Planing Mill Co., Cavetown, Md.	Ground Burned Lime	Cavetown	80.00	66.65	2.00	17.28	4.47	83.93
2999	M. J. Grove Lime Kiln Co. Inc., Lime Kiln, Md.	Famous Frederick County Agricultural Lime	Frederick	86.00	93.40	4.00	3.88	.26	97.28
3000	M. J. Grove Lime Kiln Co. Inc., Lime Kiln, Md.	Famous Frederick County Ground Lime	Frederick	75.00	74.50	5.00	9.84	5.74	84.34
3007	Legore Lime Co., Legore, Md.	Lump Lime	Le Gore	80.00	84.00	3.00	3.70	6.22	87.70
3006	Legore Lime Co., Legore, Md.	Ground Burnt Lime	Le Gore	75.00	70.90	5.00	5.53	7.06	76.43
3014	Shank & Etzler Lime Co., Frederick, Md.	Agricultural Lump Lime	Frederick	60.00	59.10	30.00	36.79	.28	95.89
3016	Shank & Etzler Lime Co., Frederick, Md.	Ground Burned Lime	Frederick	55.00	50.30	25.00	32.17	9.46	82.47
3012	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Lump Lime	Woodsboro	85.00	91.45	2.00	5.12	.82	96.57
3010	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Ground Lime	Woodsboro	75.00	69.55	5.00	10.73	4.57	80.28

ANALYSES OF AGRICULTURAL HYDRATED LIME

3003	S. W. Barrick & Sons, Inc., Woodsboro, Md.	Hydrated Lime	Woodsboro	60.00	65.60	5.00	4.13	4.01	69.73
3033	Chester Valley Lime & Products Co., West Chester, Pa.	Hydrated Lime	Salisbury	46.50	51.05	31.00	29.01	2.00	80.06
3034	G. & W. H. Corson, Inc., Plymouth Meeting, Pa.	Hydrated Lime	Snow Hill	46.50	48.00	31.00	32.95	1.29	80.95
3001	M. J. Grove Lime Co., Inc., Lime Kiln, Md.	Famous Frederick County Hydrated Lime	Frederick	65.00	62.30	5.00	7.06	4.32	69.36
3005	Legore Lime Co., Legore, Md.	Hydrated Lime	Le Gore	65.00	65.75	5.00	4.86	2.65	70.61
3028	North American Cement Corp., Baltimore, Md.	Berkeley Hydrated Lime	Baltimore	70.00	70.35	2.00	1.67	.22	72.02
3004	North American Cement Corp., Baltimore, Md.	Berkeley Hydrated Lime	Westminster	70.00	70.80	2.00	1.69	.23	72.49
2997	North American Cement Corp., Baltimore, Md.	Berkeley Hydrated Lime	Ellicott City	70.00	71.70	2.00	1.70	.18	73.40
3015	Shank & Etzler Lime Co., Frederick, Md.	Hydrated Lime	Frederick	45.00	46.40	20.00	29.44	6.88	75.84
3023	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Colora	67.00	71.70	5.00	2.55	.40	74.25
3009	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Glyndon	67.00	71.60	5.00	2.31	.45	73.91
2994	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Taneytown	67.00	71.15	5.00	3.33	.55	74.48

ANALYSES OF AGRICULTURAL HYDRATED LIME—(Cont.)

3015	Shank & Etzler Lime Co., Frederick, Md.	Hydra'ed Lime	Frederick	45.00	46.40	20.00	29.44	6.88	75.84
3023	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Colora	67.00	71.70	5.00	2.55	.40	74.25
3009	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Glyndon	67.00	71.60	5.00	2.31	.45	73.91
2994	Steacy & Wilton Co., Wrightsville, Pa.	"Sterling" Brand Hydrated Lime	Taneytown	67.00	71.15	5.00	3.33	.55	74.48

ANALYSES OF AGRICULTURAL HYDRATED LIME—(Cont.)

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Oxide CaO		Magnesium Oxide MgO		Sand. & Insol. (no Val.)	Total Oxides CaO+MgO
				Guaranteed	Found	Guaranteed	Found	Found	
3011	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock Hydrated Lime	Woodsboro	60.00	56.80	2.00	8.00	5.78	64.80
3025	Universal Gypsum & Lime Co., Chicago, Ill.	Palmer Hydrated Lime	Cardiff	70.00	70.90	2.00	2.64	.30	73.54
3024	Warner Co., Philadelphia, Pa.	Warner's Limoid (Hydrated Lime)	Elkton	46.50	47.25	31.00	32.82	1.47	80.07
3036	Washington Building Lime Co., Baltimore, Md.	Standard Agricultural Hydrated Lime	Baltimore	71.00	73.35	1.00	1.03	.41	74.38
2995	Washington Building Lime Co., Baltimore, Md.	Standard Agricultural Hydrated Lime	Dickerson	71.00	72.40	1.00	1.10	.62	73.50

ANALYSES OF AGRICULTURAL LIMESTONE, MARL AND OYSTER SHELLS

3027	Harry T. Campbell Sons Co., Towson, Md.	†Pulverized Limestone	Texas	30.00	33.90	14.00	12.67	13.66	46.57
2998	M. J. Grove Lime Co., Lime Kiln, Md.	†Pulverized Limestone	Frederick	50.00	53.85	.....	.89	2.26	54.74
2963	Li-Ma Co., Centreville, Md.	"Li-Ma" (Precipitated Lime)	Queenstown	50.00	51.60	.50	.95	4.09	52.55
3037	Potomac Poultry Food Co., Inc., Baltimore, Md.	†Potolime Oyster Shell Lime	Baltimore	46.00	48.20	.50	.61	6.83	48.81
3031	Standard Lime & Stone Co., Baltimore, Md.	†Pulverized Limestone	Laurel	53.20	54.80	.50	.83	.80	55.63
3026	Universal Gypsum & Lime Co., Chicago, Ill.	†Challenge Brand Limestone Flour	Cardiff	48.00	52.20	6.00	3.17	.54	55.37

ANALYSES OF MISCELLANEOUS PRODUCTS

3008	Legore Lime Co., Legore, Md.	All-in-One Agricultural Lime	Le Gore	50.00	64.50	5.00	5.28	5.54	69.78
3013	Stoner & Powell, Woodsboro, Md.	Old Reliable Fountain Rock 50-50	Woodsboro	55.00	47.40	3.00	5.74	13.92	53.14

† Ground Shell or Stone, Mechanical Analyses see page

ANALYSES OF GYPSUM OR LAND PLASTER

No.	Name of Manufacturer	Name of Lime	Place of Sampling	Calcium Sulphate		Sand and Insol. (no value)
				Guaranteed	Found	Found
3029	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Nova Scotia Land Plaster	Baltimore	77.70	72.23	29.75

TABLE II—SHOWING MECHANICAL ANALYSES OF GROUND LIMESTONE AND GROUND OYSTER SHELLS

For the chemical Analyses of these samples, see preceding table. Figures are percentages or pounds per hundred. "Mesh" indicates the sieve used. "20 Mesh" has 20 wires to the inch.

No.	Name of Manufacturer	Name of Lime or Kind	Finer than 100 Mesh	Between 80 & 100 Mesh	Between 60 & 80 Mesh	Between 40 & 60 Mesh	Between 20 & 40 Mesh	Coarser than 20 Mesh
3027	Harry T. Campbell Sons Co., Towson, Md.	Pulverized Limestone	87.	8.50	1.50	2.50	.50	0
2998	M. J. Grove Lime Co., Lime Kiln, Md.	Pulverized Limestone	94.	4.50	0	1.	.50	0
3037	Potomac Poultry Food Co. Inc., Baltimore, Md.	Potolime Oyster Shell Lime	31.50	8.	3.	11.	30.50	16.
3031	Standard Lime & Stone Co., Baltimore, Md.	Pulverized Limestone	100.	0	0	0	0	0
3026	Universal Gypsum & Lime Co., Chicago, Ill.	Challenge Brand Limestone Flour	100.	0	0	0	0	0

TABLES

The following pages contain a detailed list of the different brands of fertilizers registered for 1934 delivery, and the declared composition of each.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphates	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Agricultural Laboratories, Inc., Columbus, Ohio										
Legume-Aid										
American Agricultural Chemical Co., Baltimore, Md.										
A. A. Sulphate of Ammonia, 20-50-0	20.50	0.00								
Agrico For Truck, 5-10-5	3.75	1.25	10.00				2.00			3.00
A. A. Prince George Tobacco Fertilizer Sulphate, 4-8-12	3.00	1.00	8.00						12.00	
A. A. Early Trucker Fertilizer, 4-8-5	3.00	1.00	8.00				2.00			3.00
A. A. Golden Leaf Tobacco Fertilizer Sulphate, 4-8-7	3.00	1.00	8.00						7.00	
A. A. Gladiator Fertilizer, 4-8-7	3.00	1.00	8.00							7.00
Agrico For Potatoes, 4-8-7	3.00	1.00	8.00				4.20			2.80
Agrico For Tomatoes, 3-12-6	2.25	.75	12.00							6.00
Agrico For Corn, 3-12-6	2.25	.75	12.00							6.00
A. A. Climax Fertilizer, 3-12-6	2.25	.75	12.00							6.00
Agrico For Sweet Potatoes, 3-8-10	2.25	.75	8.00				5.00			5.00
A. A. Horse Shoe Fertilizer, 2-12-6	1.50	.50	12.00							6.00
A. A. Farmers Friend Fertilizer, 2-12-4	1.50	.50	12.00							4.00
Agrico For Grain, 2-12-4	1.50	.50	12.00							4.00
A. A. Red Dog Fertilizer, 2-9-5	1.50	.50	9.00							5.00
A. A. Silk Leaf Tobacco Fertilizer Sulphate, 2-8-10	1.50	.50	8.00						10.00	
A. A. Old Hickory Fertilizer, 2-8-10	1.50	.50	8.00				5.00			5.00
A. A. Acme Fertilizer, 1-10-5	.75	.25	10.00							5.00
A. A. Victory Mixture, 0-12-5			12.00				2.00			3.00
A. A. Ground Tankage, 7-9, TPA	0.00	7.00		9.00						
A. A. Pure Raw Bone, 3-70-20, TPA	0.00	3.70				20.00				
A. A. Fine Ground Bone, 2.47-23 TPA	0.00	2.47				23.00				
A. A. Pulverized Sheep & Goat Manure, 1.25-1 TPA-2										
A. A. Superphosphate, 0-20-0			16.00	*4.00						
A. A. Superphosphate, 0-16-0			16.00							
Muriate of Potash, 0-0-14							48.00			
A. A. Kainit, 0-0-14								14.00		

*Double Superhosphate.

Listers Harvest Queen Fertilizer, 2-9-5	1.50	.50	9.00							5.00
Listers Superphosphate, 0-16-0			16.00							
	1.50	.50	9.00							5.00

A. A. Superphosphate, 0-16-0			16.00								
Muriate of Potash, 0-0-14								48.00			
A. A. Kainit, 0-0-14									14.00		

*Double Superhosphate.

Listers Harvest Queen Fertilizer, 2-9-5	1.50	.50	9.00								5.00
Listers Superphosphate, 0-16-0			16.00								
Patapsco Big Chief Fertilizer, 2-9-5	1.50	.50	9.00								5.00
Patapsco Apex Mixture, 0-12-5			12.00					2.00			3.00
Associated Chemical Co., Baltimore, Md.											
Sulphate of Ammonia, 20.56-0-0	20.56	0.00									
Pure Raw Bone, 3.70-20 TPA	0.00	3.70				†20.00					
Fine Bone Meal, 2.47-23 TPA	0.00	2.47				†23.00					
Barrett Co., New York, N. Y.											
Sulphate of Ammonia, 20.56-0-0	20.56	0.00									
Arcadian Sulphate of Ammonia, 20.56-0-0	20.56	0.00									
Arcadian Nitrate of Soda, 16.00-0-0	16.00	0.00									
Baugh & Sons Co., Baltmore, Md.											
New Process 8%, 8-5-2	6.80	1.20	5.00							2.00	
Plant Bed Fertilizer, 6-6-8	5.10	.90	6.00							8.00	
Central Chemical Co., Inc., Baltimore, Md.											
"Gro-All" Potato Special, 4-8-7	3.50	.50	8.00					7.00			
"Gro-All" Super-Fish Brand, 2-12-6	.50	1.50	12.00					6.00			
"Gro-All" Grain Food, 2-12-4	1.50	.50	12.00					4.00			
"Gro-All" Excelsior, 2-9-5	1.50	.50	9.00					5.00			
"Gro-All" Crown Jewel, 1-10-5	.50	.50	10.00					5.00			
"Gro-All" Potash Special, 0-12-5			12.00					5.00			
"Gro-All" Dissolved Phosphate, 0-16-0			16.00								
Chilean Nitrate Sales Corp., New York, N. Y.											
Champion Brand Chilean Nitrate of Soda, 16-0-0	16.00	0.00									
Standard Chilean Nitrate of Soda, 15.25-0-0	15.25	0.00									
Dairies By-Products Co., Norfolk, Va.											
"Mo-Co-Nu", 1.50-1 TPA.-1.25											
Edelen Brothers, Baltimore, Md.											
10% Tobacco Bed Special, 10-5-2	9.00	1.00	4.50	.25	.25					2.00	
Excelsior Plant Food Co., Cumberland, Md.											
Gro-Kwik, 5-7 TPA-2	5.00	0.00				†7.00					*2.00
Richard B. L. Fleming, Blue Ridge Summit, Pa.											
Delrosa, 2-5-3	0.00	2.00				5.00				**3.00	

*Tobacco Dust, † Total Phosphoric Acid ** Wood Ashes,

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphates	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Griffith & Turner Co., Baltimore, Md.										
Special Truck Mixture, 4-8-7	2.80	1.20	7.00	.....	.....	*1.00	3.50	.....	.....	3.50
Ammoniated Butchers Bone Brand, 2-12-4	1.40	.60	11.00	.....	.....	*1.00	2.00	.....	.....	2.00
Tomato Grower, 2-9-5	1.40	.60	8.00	.....	.....	*1.00	2.50	.....	.....	2.50
Special Potato, 1-10-5	.20	.80	9.00	.....	.....	*1.00	2.50	.....	.....	2.50
Alkaline Plant Food, 1-10-3	.20	.80	9.00	.....	.....	*1.00	.....	.....	.....	3.00
Soft Ground Bone, 3-14 TPA	0.00	3.00	.....	.....	.....	†14.00	.....	.....	.....	.....
Huston, Culver & Co., Seaford, Del.										
Huston, Culver & Co's 6%, 6-6-5	5.00	1.00	6.00	.....	.....	.....	2.50	.....	.....	2.50
Trucker, 4-8-5	3.00	1.00	8.00	.....	.....	.....	2.50	.....	.....	2.50
Sweet Potato Mixture, 3-8-10	2.00	1.00	8.00	.....	.....	.....	10.00	.....	.....	.....
Sussex Special, 2-8-10	1.00	1.00	8.00	.....	.....	.....	10.00	.....	.....	.....
Crop Grower, 2-9-5	1.50	.50	9.00	.....	.....	.....	.....	.....	.....	5.00
Huston's Special, 1-10-5	.50	.50	10.00	.....	.....	.....	.....	.....	.....	5.00
Double Potash Mixture, 0-12-5	.....	.....	12.00	.....	.....	.....	2.50	.....	.....	2.50
Acid Phosphate, 0-16-0	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....
Rock & Kainit, 0-8-6	.....	.....	8.00	.....	.....	.....	.....	6.00	.....	.....
Maryland Milling & Supply Co., Sykesville, Md.										
Forthman's Special, 5-8-5	4.50	.50	8.00	.....	.....	.....	5.00	.....	.....	.....
1934 Wheat & Grass Mixture, 2-12-4	1.75	.25	12.00	.....	.....	.....	4.00	.....	.....	.....
Newman's Favorite, 2-8-5	1.50	.50	8.00	.....	.....	.....	.....	5.00	.....	.....
Dietrich's Favorite, 1-9-4	.50	.50	9.00	.....	.....	.....	.....	4.00	.....	.....
Phosphate & Potash, 0-12-5	.....	.....	12.00	.....	.....	.....	.....	5.00	.....	.....
High Grade Super-Phosphate, 0-16-0	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....
Medford Fertilizer Works, Medford, Md.										
2-8-5	1.50	.50	8.00	.....	.....	.....	.....	2.50	.....	2.50
1-9-4	.75	.25	9.00	.....	.....	.....	.....	4.00	.....	.....
1-8-5	.75	.25	8.00	.....	.....	.....	.....	5.00	.....	.....
0-12-5	.....	.....	12.00	.....	.....	.....	.....	.....	.....	5.00
Miller Fertilizer Co., Baltimore, Md.										
4-8-7	3.50	.50	8.00	.....	.....	.....	7.00	.....	.....	.....

*Base Goods. † Total Phosphoric Acid

1-9-4	.75	.25	9.00						4.00			
1-8-5	.75	.25	8.00						5.00			
0-12-5			12.00									5.00

*Base Goods. † Total Phosphoric Acid

Miller Fertilizer Co., Baltimore, Md.												
4-8-7	3.50	.50	8.00					7.00				
2-12-4	1.50	.50	12.00					4.00				
2-9-5	1.50	.50	9.00					5.00				
Superphosphate, 0-16-0			16.00									
Mountain Copper Co., Ltd., San Francisco, Calif.												
Mountain Pulverized Sheep Manure, 2-1 TPA.-2.75												
Nitragin Co., Inc., Milwaukee, Wis.												
Nitragin-Humus, Legume Bacteria for the Innoculation of Legumes												
G. Ober & Sons Co., Baltimore, Md.												
Special Tobacco Bed Fertilizer, 8-5-2	6.80	1.20	5.00							2.00		
Plant Grower, 6-6-8	5.10	.90	6.00							8.00		
Standard Southern Vegetable Compound, 6-6-5	4.50	1.50	6.00					5.00				
Lord Calvert Tobacco Fertilizer, 4-8-12	2.80	1.20	8.00							12.00		
Royal Crown Tobacco Guano, 4-8-10	2.80	1.20	8.00							10.00		
Maryland Tobacco Growers Special, 4-8-7	2.80	1.20	8.00							7.00		
Fruit & Vine Truck Guano, 4-8-5	3.00	1.00	8.00									5.00
Red Seal Tobacco Fertilizer, 4-8-5	2.80	1.20	8.00							5.00		
Red Seal Corn & Wheat Guano, 2-12-4	1.60	.40	12.00									4.00
Swan E. Guano, 2-9-3	1.60	.40	9.00									3.00
Special Tobacco Mixture, 2-8-10	1.40	.60	8.00							10.00		
Superior Potato & Vegetable Grower, 2-8-10	1.60	.40	8.00					2.60				7.40
Special Plant Food, 2-8-5	1.60	.40	8.00									5.00
Stag Guano, 1-9-4	.70	.30	9.00									4.00
Twelve & Five Potash Compound, 0-12-5			12.00									5.00
Extra Grade Superphosphate, 0-20-0			20.00									
Special Grade Superphosphate, 0-18-0			18.00									
High Grade Superphosphate, 0-16-0			16.00									
Peerless Fertilizer Co., Chestertown, Md.												
Jersey Sweet Potato, 2-8-10	1.25	.75	8.00					2.50		5.00		2.50
Superphosphate, 0-16-0			16.00									
Plantabbs, Corp., Baltimore, Md.												
Fulton's Plantabbs, 11-15-20	0.00	11.00					*15.00		†20.00			
Potomac Poultry Food Co., Inc., Baltimore, Md.												
4% Potash Potolime, Baked Oyster Shell Lime, 0-0-4							2.00			2.00		

*From Ammonium Phosphate. **From Potassium Nitrate.

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphates	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Read Drug & Chemical Co., Baltimore, Md.										
Plant-gro, 4-12-4	4.00	0.00	12.00				4.00			
Raw Bone Meal, 3.70-21.50 TPA	0.00	3.70				†21.50				
F. S. Royster Guano Co., Baltimore, Md.										
Tobacco Bed Fertilizer, 8-5-2	6.40	1.60	5.00						2.00	
Arrow Potato Guano, 6-6-5	3.60	2.40	6.00				2.50			2.50
Verbena Guano, 5-8-5	4.00	1.00	8.00				2.50			2.50
Quality Trucker, 4-8-7	3.20	.80	8.00				4.50			2.50
Special Trucker, 4-8-5	3.20	.80	8.00				2.50			2.50
Curlew Guano, 3-12-6	2.40	.60	12.00				4.00			2.00
Ideal Guano, 3-8-8	2.40	.60	8.00				8.00			
Gem Guano, 2-12-4	1.60	.40	12.00							4.00
Banner Guano, 2-8-10	1.60	.40	8.00				10.00			
Phosphate & Potash, 0-12-5			12.00							5.00
Superphosphate, 0-20-0			20.00							
Superphosphate, 0-16-0			16.00							
Wm. G. Scarlett & Co., Baltimore, Md.										
Greenway Brand Bone Meal, 2.50-24 TPA	0.00	2.50				†24.00				
Wm. Schluderberg-T. J. Kurdle Co., Baltimore, Md.										
Esskay Plant Food, 5-9 TPA.-4	0.00	5.00		4.50		†4.50	4.00			
Simon Brothers, Baltimore, Md.										
Mor Life Plant Food, 4-5-2	.80	3.20			*.60	4.40		*.70	1.30	
R. H. Slingluff Fertilizer Co., Baltimore, Md.										
10% Tobacco Bed Special, 10-5-2	9.00	1.00	4.50	.25	.25				2.00	
Plant Bed, 6-6-8	5.75	.25	5.75	.25					8.00	
Summers Fertilizer Co., Inc., Baltimore, Md.										
3-12-5 Fertilizer	2.50	.50	12.00				5.00			
	1.75	.25	12.00				3.00			3.00

*Shep Manure.
† Total Phosphoric Acid

10% Tobacco Bed Special, 10-5-2	9.00	1.00	4.50	.25							
Plant Bed, 6-6-8	5.75	.25	5.75	.25						8.00	

*Shep Manure.
† Total Phosphoric Acid

Summers Fertilizer Co., Inc., Baltimore, Md.											
3-12-5 Fertilizer	2.50	.50	12.00				5.00				
2-12-6 Fertilizer	1.75	.25	12.00				3.00				3.00
2-12-2 Fertilizer	1.75	.25	12.00				1.00				1.00
2-9-5 Fertilizer	1.75	.25	9.00				2.50				2.50
Raw Bone Meal, 3.70-20 TPA	0.00	2.47				†20.00					
Steamed Bone Meal, 2.47-20 TPA	0.00	2.47				†20.00					
Genuine Venezuelan Goat Manure, 1-1 TPA.-3											
0-12-5 Fertilizer			12.00				2.50				2.50
Superphosphate, 0-16-0			16.00								
Synthetic Nitrogen Products Corp., New York, N. Y.											
Urea (Floranid-Urea), 46-0-0	0.00	46.00									
Nitrophoska, 15-30-15	15.00		*30.00				15.00				
Thomas & Co., Frederick, Md.											
Sure Crop, 2-12-6	1.80	.20	12.00				1.00				5.00
Wheat & Grass Grower, 2-8-5	1.80	.20	8.00								5.00
Rock & Potash, 0-12-5			12.00								5.00
Superphosphate, 0-16-0			16.00								
Thomas & Taylor, Baltimore, Md.											
Vita-Vim, 6-10-4	3.50	2.50	10.00				4.00				
Wm. B. Tilghman Co., Salisbury, Md.											
Irish P. Guano, 6-6-5	4.20	1.80	4.50	1.00	.50		5.00				
"Q"Brand, 6-6-5	3.60	2.40	4.00	1.00	1.00		3.80			**1.20	
Melon Mixture, 4-8-7	2.00	2.00	6.00	.60	1.40		7.00				
Early Truck, 4-8-5	2.80	1.20	6.50	1.00	.50		5.00				
Mixture "B", 3-8-10	2.10	.90	6.50	1.00	.50		10.00				
"S.P.", 2-8-10	1.40	.60	7.00	.70	.30		10.00				
Superphosphate, 0-16-0			16.00								
Raw Bone Meal, 3.70-21.50 TPA	0.00	3.70				†21.50					
Kainit, 0-0-14											
F. W. Tunnell & Co., Inc., Philadelphia, Pa.											
Virginia Potato Manure, 6-6-5	4.50	1.50	5.00	1.00			5.00				
Fish Brand Mixture, 2-10-6	.80	1.20	8.00	2.00			6.00				
Potato & Truck Manure, 2-8-10	1.00	1.00	7.00	1.00			10.00				
Veribest Cereal Manure, 2-8-6	1.00	1.00	7.00	1.00			5.00				1.00
Superphosphate, 0-16-0			16.00								

*Diammonium Phosphate.
** Sulphate of Potash Magnesia.
† Total Phosphoric Acid

FIRMS AND BRANDS	NITROGEN		AVAILABLE PHOSPHORIC ACID				POTASH			
	Per Cent From Mineral Sources	Per Cent From Organic Sources	Superphosphates	TANKAGE	FISH	BONE	MURIATE	KAINIT	SULPHATE	Manure Salts
Urbana Laboratories, Urbana, Ill.										
Urbana Culture	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia-Carolina Chemical Corp., Richmond, Va.										
V-C Fairway Fertilizer (New Process) 6-6-4	5.10	.90	.....	.....	.....	*6.00	1.00	.....	.....	**3.00
BloomAid (New Process) 4-10-3	3.00	1.00	.....	.....	.....	*10.00	.....	.....	.....	**3.00
Virginia-Carolina Chemical Corp., Baltimore, Md.										
V-C 6% Truck Fertilizer, 6-6-5	3.60	2.40	6.00	.....	.....	.....	4.50	.....	†.50	.....
V-C Virginia Trucker, 5-8-5	3.50	1.50	8.00	.....	.....	.....	4.50	.....	†.50	.....
V-C Double Owl Brand, 4-8-7	3.00	1.00	8.00	.....	.....	.....	6.50	.....	†.50	.....
V-C Good Luck Fertilizer, 3-12-6	2.25	.75	12.00	.....	.....	.....	5.50	.....	†.50	.....
V-C Sweet Potato Special, 3-8-10	2.25	.75	8.00	.....	.....	.....	9.50	.....	†.50	.....
V-C Fish, Bone & Potash Brand Fertilizer, 2-9-5	1.50	.50	9.00	.....	.....	.....	.....	.....	†1.00	4.00
V-C Indian Brand Fertilizer, 2-8-10	1.50	.50	8.00	.....	.....	.....	9.50	.....	†.50	.....
V-C Owl Brand Fertilizer, 2-12-4	1.50	.50	12.00	.....	.....	.....	2.50	.....	†.50	1.00
V-C Fertilizer, 1-10-5	1.50	.50	12.00	.....	.....	.....	2.50	.....	†.50	1.00
V-C High Grade Potash Mixture, 0-12-5	.75	.25	10.00	.....	.....	.....	.....	.....	†.50	4.50
V-C Superphosphate, 0-20-0	.....	.....	12.00	.....	.....	.....	1.00	.....	†.50	3.50
V-C Superphosphate, 0-16-0	.....	.....	20.00	.....	.....	.....	.....	.....	.....	.....
	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....
Worcester Fertilizer Co., Snow Hill, Md.										
Correct Plant Food Mixture, 6-6-5	1.80	4.20	6.00	.....	.....	.....	5.00	.....	.....	.....
Correct Plant Food Mixture, 4-8-5	1.20	2.80	8.00	.....	.....	.....	5.00	.....	.....	.....
Superphosphate, 0-16-0	.....	.....	16.00	.....	.....	.....	.....	.....	.....	.....

*Phosphate of Ammonia. **Sterilized Tobacco Stems. † Tobacco Stems.